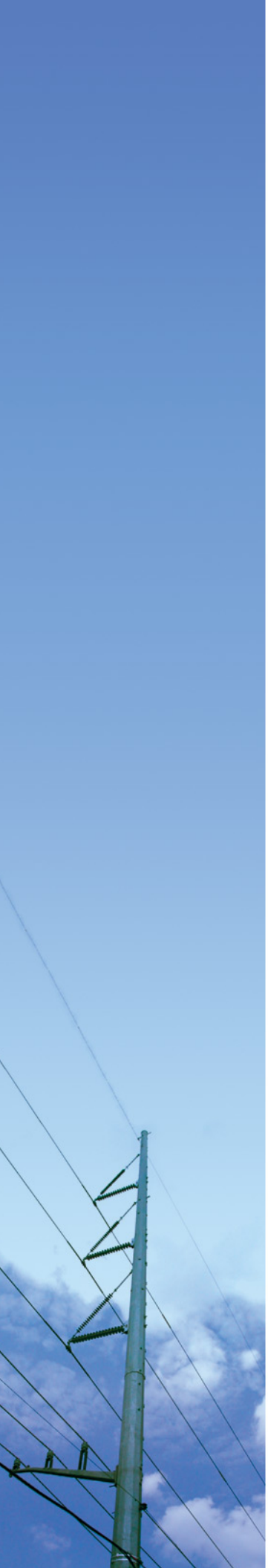

Screening Study
SPP-LTSR-2012-003

For OASIS Request #76967833

MAINTAINED BY
SPP Engineering, SPP Transmission Service Studies
August 27, 2012

SPP Southwest Power Pool

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Executive Summary

Kansas City Power and Light has requested a Screening Study to determine the impacts on SPP facilities due to the request to study combined load and resources for KCPL and GMO. The service type requested for this screening study is Long Term Service Request (LTSR). OASIS# 76967833 was studied as one request from 5/31/2014 to 5/31/2019.

The principal objective of this study is to identify system problems and potential system modifications necessary to facilitate the LTSR request while maintaining system reliability. The LTSR request was studied using two system scenarios. The service was modeled by the transfers from KCPL to MPS. The two scenarios were studied to capture system limitations caused or impacted by the requested service. An analysis was conducted on the planning horizon from 5/31/2014 to 5/31/2019.

The service was modeled from KCPL to KCPL. Facilities on the SPP system were identified for the requested service due to the SPP Study Methodology criteria. Tables 1 and 2 summarize the results of the screening study analysis for the transfers for the scenarios listed in the table. Table 1 lists SPP thermal transfer limitations identified. Table 2 lists SPP voltage transfer limitations identified. Table 3 lists the network upgrades required to mitigate the limitations impacted by this request.

Introduction

Kansas City Power and Light has requested a screening study to determine the impacts on SPP facilities for the request to study combined load and resources for KCPL and GMO.

The purpose of the LTSR Option Screening Study is to provide the Eligible Customer with an approximation of the transmission remediation costs of each potential LTSR and a reasonable cost differential between alternatives for the purpose of an Eligible Customer's ranking of its potential LTSRs. The results of the Screening Study are not binding and the Eligible Customer retains the rights to enter the Aggregate Transmission Service Study. The Screening Study results will not assess the third party impacts and upgrades required. Service will not be granted based on the Screening Study for potential LTSRs on the Transmission System. To obtain a Service Agreement, Eligible Customers must apply for service and follow the application process set forth in Parts II and III of the Tariff.

This study includes steady-state contingency analysis (PSS/E function ACCC). The steady-state analysis considers the impact of the request on transmission line and transformer loadings for outages of single transmission lines, transformers, and generating units, and selected multiple transmission lines and transformers on the SPP and first-tier third party systems.

The LTSR request was studied using two system scenarios. The service was modeled by a transfer from KCPL to MPS. The two scenarios were studied to capture the system limitations caused or impacted by the requested service. Scenario 0 includes projected usage of transmission service included in the SPP 2011 Series Cases. Scenario 5 includes transmission service not already included in the SPP 2011 Series Cases.

Study Methodology

Description

The facility study analysis was conducted to determine the steady-state impact of the requested service on the SPP system. The steady-state analysis was performed to ensure current SPP Criteria and NERC Reliability Standards requirements are fulfilled. SPP conforms to NERC Reliability Standards, which provide strict requirements related to voltage violations and thermal overloads during normal conditions and during a contingency. NERC Standards require all facilities to be within normal operating ratings for normal system conditions and within emergency ratings after a contingency.

Normal operating ratings and emergency operating ratings monitored are Rate A and B in the SPP Model Development Working Group (MDWG) models, respectively. The upper bound and lower bound of the normal voltage range monitored is 105% and 95%. The upper bound and lower bound of the emergency voltage range monitored is 105% and 90%. Transmission Owner voltage monitoring criteria is used if more restrictive. The SPS Tuco 230 kV bus voltage is monitored at 92.5% due to pre-determined system stability limitations. The WERE Wolf Creek 345 kV bus voltage is monitored at 103.5% and 98.5% due to transmission operating procedure.

The contingency set includes all SPP control area branches and ties 69 kV and above; first tier non-SPP control area branches and ties 115 kV and above; any defined contingencies for these control areas; and generation unit outages for the control areas with SPP reserve share program redispatch. The monitor elements include all SPP control area branches, ties, and buses 69 kV. and above,. Voltage monitoring was performed for SPP control area buses 69 kV and above.

A 3 % transfer distribution factor (TDF) cutoff was applied to all SPP control area facilities. For voltage monitoring, a 0.02 per unit change in voltage must occur due to the transfer or modeling upgrades to be considered a valid limit to the transfer.

Model Updates

SPP used four seasonal models to study the KCPL to KCPL request for the requested service period. The following SPP Transmission Expansion Plan 2011 Build 2 Cases were used to study the impact of the requested service on the transmission system:

2013/14 Winter Peak (13WP)
2017 Summer Peak (17SP)
2017/18 Winter Peak (17WP)
2022 Summer Peak (22SP)

The Summer Peak models apply to June through September, and the Winter Peak models apply to December through March.

The chosen base case models were modified to reflect the current modeling information. From the six seasonal models, two system scenarios were developed. Scenario 0 includes projected usage of transmission included in the SPP 2011 Series Cases. Scenario 5 includes transmission not already included in the SPP 2011 Series Cases.

Transmission Request Modeling

Network Integration Transmission Service requests are modeled as Generation to Load transfers in addition to Generation to Generation because the requested Network Integration Transmission Service is a request to serve network load with the new designated network resource, and the impacts on the Transmission System are determined accordingly. Generation to Generation transfers are accomplished by developing a post-transfer case for comparison by dispatching the request source and redispatching the request sink.

Transfer Analysis

Using the selected cases both with and without the requested transfer modeled, the PSS/E Activity ACCC was run on the cases and compared to determine the facility overloads caused or impacted by the transfer. Transfer distribution factor cutoffs and voltage threshold (0.02 change) were applied to determine the impacted facilities. The PSS/E options chosen to conduct the analysis can be found in Appendix A.

Study Results

Study Analysis Results

Tables 1 and 2 contain the initial steady-state analysis results of the LTSR. The tables are attached to the end of this report, if applicable. The tables identify the scenario and season in which the event occurred, the transfer amount studied, the facility control area location, applicable ratings of the thermal transfer limitations and voltage transfer limitations, and the loading percentage and voltage per unit (pu).

Table 1 lists the SPP thermal transfer limitations caused or impacted by the request to study combined load and resources for KCPL and GMO for applicable scenarios. Solutions are identified for the limitations in this table.

Table 2 lists the SPP voltage transfer limitations caused or impacted by the request to study combined load and resources for KCPL and GMO for applicable scenarios. Solutions are identified for the violations in this table.

Table 3 lists the network upgrades required to mitigate the limitations caused or impacted by this request. Engineering and construction costs are provided for assigned upgrades in this table.

Conclusion

The results of the screening study show that limiting constraints exist within the SPP regional transmission system for the request to study combined load and resources for KCPL and GMO. The next steps are to WITHDRAW the request on OASIS and, if desired, enter a new OASIS request into the aggregate study queue.

The results contained in this study are for informational purposes only. Service will not be granted based on the Screening Study results. To obtain a Service Agreement, Eligible Customers must apply for service and follow the application processes set forth in Parts II and III of the Tariff and enter the Aggregate Study process. The results of the Aggregate Study may vary from the results of this screening study.

As a final step in this process, it is requested that the customer WITHDRAW the LTSR screening study request on OASIS.

Appendix A

PSS/E CHOICES IN RUNNING LOAD FLOW PROGRAM AND ACCC

BASE CASES:

- Solutions: Fixed slope decoupled Newton-Raphson solution (FDNS)
- Tap adjustment: Stepping
- Area interchange control: Tie lines and loads
- VAR limits: Apply immediately
- Solution options:

  X Phase shift adjustment
  _ Flat start
  _ Lock DC taps
  _ Lock switched shunts

ACCC CASES for system intact:

- Solutions: AC contingency checking (ACCC)
- MW mismatch tolerance: 0.5
- Contingency case rating: Rate A
- Percent of rating: 100
- Output code: Summary
- Min flow change in overload report: 3 MW
- Excld cases w/ no overloads form report: YES
- Exclude interfaces from report: NO
- Perform voltage limit check: YES
- Elements in available capacity table: 60000
- Cutoff threshold for available capacity table: 99999.0
- Min. contng. case Vltg chng for report: 0.02
- Sorted output: None
- Newton Solution:
- Tap adjustment: Stepping
- Area interchange control: Tie lines and loads
- VAR limits: Apply automatically
- Solution options:

  X Phase shift adjustment
  _ Flat start
  _ Lock DC taps
  _ Lock switched shunts

ACCC CASES for branch and transformer contingencies:

- Solutions: AC contingency checking (ACCC)
- MW mismatch tolerance: 0.5
- Contingency case rating: Rate B
- Percent of rating: 100
- Output code: Summary

- Min flow change in overload report: 3mw
- Excld cases w/ no overloads form report: YES
- Exclude interfaces from report: NO
- Perform voltage limit check: YES
- Elements in available capacity table: 60000
- Cutoff threshold for available capacity table: 99999.0
- Min. contng. case Vltg chng for report: 0.02
- Sorted output: None
- Newton Solution:
- Tap adjustment: Stepping
- Area interchange control: Tie lines and loads
- VAR limits: Apply automatically
- Solution options:

  X Phase shift adjustment
  _ Flat start
  _ Lock DC taps
  _ Lock switched shunts

ACCC CASES for generator contingencies (largest machine at a bus):

- Solutions: AC contingency checking (ACCC)
- MW mismatch tolerance: 0.5
- Contingency case rating: Rate B
- Percent of rating: 100
- Output code: Summary
- Min flow change in overload report: 3mw
- Excld cases w/ no overloads form report: YES
- Exclude interfaces from report: NO
- Perform voltage limit check: YES
- Elements in available capacity table: 60000
- Cutoff threshold for available capacity table: 99999.0
- Min. contng. case Vltg chng for report: 0.02
- Sorted output: None
- Newton Solution:
- Tap adjustment: Stepping
- Area interchange control: Disabled
- Var limits: Apply automatically
- Solution options:

  X Phase shift adjustment
  _ Flat start
  _ Lock DC taps
  _ Lock switched shunts

Scenario	Season	From Area	To Area	Monitored Branch Over 100% Rate B	Transfer Case % Loading	Outaged Branch Causing Overload	Upgrade Name	Solution
5	13WP	WERE	WERE	87TH STREET - CAPTAIN JUNCTION 115KV CKT 1	110.7	SWISSVALE - WEST GARDNER 345KV CKT 1	IATAN - NASHUA 345KV CKT 1	Tap Nashua 345kV bus in Hawthorn - St. Joseph 345 kV line. Build new 345 kV line from Iatan to Nashua,Add Nashua 345/161 kV
5	13WP	WERE	WERE	87TH STREET - CAPTAIN JUNCTION 115KV CKT 1	110.7	SWISSVALE - WEST GARDNER 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	13WP	WERE	WERE	87TH STREET - CAPTAIN JUNCTION 115KV CKT 1	110.7	SWISSVALE - WEST GARDNER 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	13WP	WERE	WERE	87TH STREET - CAPTAIN JUNCTION 115KV CKT 1	110.7	SWISSVALE - WEST GARDNER 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	13WP	WERE	WERE	87TH STREET - CAPTAIN JUNCTION 115KV CKT 1	110.7	SWISSVALE - WEST GARDNER 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	13WP	WERE	WERE	87TH STREET - CAPTAIN JUNCTION 115KV CKT 1	110.7	SWISSVALE - WEST GARDNER 345KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	13WP	WERE	WERE	87TH STREET - CAPTAIN JUNCTION 115KV CKT 1	110.7	SWISSVALE - WEST GARDNER 345KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	13WP	WERE	WERE	87TH STREET - CAPTAIN JUNCTION 115KV CKT 1	110.7	SWISSVALE - WEST GARDNER 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	13WP	WERE	WERE	87TH STREET - CAPTAIN JUNCTION 115KV CKT 1	110.7	SWISSVALE - WEST GARDNER 345KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	13WP	WERE	WERE	87TH STREET - CAPTAIN JUNCTION 115KV CKT 1	110.7	SWISSVALE - WEST GARDNER 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	13WP	WERE	WERE	87TH STREET - CAPTAIN JUNCTION 115KV CKT 1	110.7	SWISSVALE - WEST GARDNER 345KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	13WP	WERE	WERE	87TH STREET - CAPTAIN JUNCTION 115KV CKT 1	107.8	87th STREET - STRANGER CREEK 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	13WP	WERE	WERE	87TH STREET - CAPTAIN JUNCTION 115KV CKT 1	107.8	87th STREET - STRANGER CREEK 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	13WP	WERE	WERE	87TH STREET - CAPTAIN JUNCTION 115KV CKT 1	107.8	87th STREET - STRANGER CREEK 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	13WP	WERE	WERE	87TH STREET - CAPTAIN JUNCTION 115KV CKT 1	107.8	87th STREET - STRANGER CREEK 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	13WP	WERE	WERE	87TH STREET - CAPTAIN JUNCTION 115KV CKT 1	107.8	87th STREET - STRANGER CREEK 345KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	13WP	WERE	WERE	87TH STREET - CAPTAIN JUNCTION 115KV CKT 1	107.8	87th STREET - STRANGER CREEK 345KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	13WP	WERE	WERE	87TH STREET - CAPTAIN JUNCTION 115KV CKT 1	107.8	87th STREET - STRANGER CREEK 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	13WP	WERE	WERE	87TH STREET - CAPTAIN JUNCTION 115KV CKT 1	107.8	87th STREET - STRANGER CREEK 345KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	13WP	WERE	WERE	87TH STREET - CAPTAIN JUNCTION 115KV CKT 1	107.8	87th STREET - STRANGER CREEK 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	13WP	WERE	WERE	87TH STREET - CAPTAIN JUNCTION 115KV CKT 1	107.8	[illegible] 1	[illegible] CKT 11	Add 345/161kV Transformer
5	13WP	WERE	WERE	87TH STREET - CAPTAIN JUNCTION 115KV CKT 1	101.3	HOYT - STRANGER CREEK 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	13WP	WERE	WERE	87TH STREET - CAPTAIN JUNCTION 115KV CKT 1	101.3	HOYT - STRANGER CREEK 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	13WP	WERE	WERE	87TH STREET - CAPTAIN JUNCTION 115KV CKT 1	101.3	HOYT - STRANGER CREEK 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	13WP	WERE	WERE	87TH STREET - CAPTAIN JUNCTION 115KV CKT 1	101.3	HOYT - STRANGER CREEK 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	13WP	WERE	WERE	87TH STREET - CAPTAIN JUNCTION 115KV CKT 1	101.3	HOYT - STRANGER CREEK 345KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	13WP	WERE	WERE	87TH STREET - CAPTAIN JUNCTION 115KV CKT 1	101.3	HOYT - STRANGER CREEK 345KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	13WP	WERE	WERE	87TH STREET - CAPTAIN JUNCTION 115KV CKT 1	101.3	HOYT - STRANGER CREEK 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	13WP	WERE	WERE	87TH STREET - CAPTAIN JUNCTION 115KV CKT 1	101.3	HOYT - STRANGER CREEK 345KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	13WP	WERE	WERE	87TH STREET - CAPTAIN JUNCTION 115KV CKT 1	101.3	HOYT - STRANGER CREEK 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	13WP	WERE	WERE	87TH STREET - CAPTAIN JUNCTION 115KV CKT 1	101.3	HOYT - STRANGER CREEK 345KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	17SP	WERE	WERE	87TH STREET - CAPTAIN JUNCTION 115KV CKT 1	100.4	SWISSVALE - WEST GARDNER 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	17SP	WERE	WERE	87TH STREET - CAPTAIN JUNCTION 115KV CKT 1	100.4	SWISSVALE - WEST GARDNER 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	17SP	WERE	WERE	87TH STREET - CAPTAIN JUNCTION 115KV CKT 1	100.4	SWISSVALE - WEST GARDNER 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	17SP	WERE	WERE	87TH STREET - CAPTAIN JUNCTION 115KV CKT 1	100.4	SWISSVALE - WEST GARDNER 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	17SP	WERE	WERE	87TH STREET - CAPTAIN JUNCTION 115KV CKT 1	100.4	SWISSVALE - WEST GARDNER 345KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	17SP	WERE	WERE	87TH STREET - CAPTAIN JUNCTION 115KV CKT 1	100.4	SWISSVALE - WEST GARDNER 345KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	17SP	WERE	WERE	87TH STREET - CAPTAIN JUNCTION 115KV CKT 1	100.4	SWISSVALE - WEST GARDNER 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	87TH STREET - CAPTAIN JUNCTION 115KV CKT 1	100.4	SWISSVALE - WEST GARDNER 345KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	87TH STREET - CAPTAIN JUNCTION 115KV CKT 1	100.4	SWISSVALE - WEST GARDNER 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	17SP	WERE	WERE	87TH STREET - CAPTAIN JUNCTION 115KV CKT 1	100.4	SWISSVALE - WEST GARDNER 345KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	13WP	WERE	KCPL	87th STREET - CRAIG 345KV CKT 1	101.0	IATAN - ST JOE 345KV CKT 1	IATAN - NASHUA 345KV CKT 1	Tap Nashua 345kV bus in Hawthorn - St. Joseph 345 kV line. Build new 345 kV line from Iatan to Nashua,Add Nashua 345/161 kV
5	13WP	WERE	WERE	87th STREET - STRANGER CREEK 345KV CKT 1	107.2	IATAN - ST JOE 345KV CKT 1	IATAN - NASHUA 345KV CKT 1	Tap Nashua 345kV bus in Hawthorn - St. Joseph 345 kV line. Build new 345 kV line from Iatan to Nashua,Add Nashua 345/161 kV
5	17SP	WERE	WERE	AUBURN ROAD - JEFFREY ENERGY CENTER 230KV CKT 1	131.0	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV

5	17SP	WERE	WERE	AUBURN ROAD - JEFFREY ENERGY CENTER 230KV CKT 1	131.0	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	17SP	WERE	WERE	AUBURN ROAD - JEFFREY ENERGY CENTER 230KV CKT 1	131.0	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	17SP	WERE	WERE	AUBURN ROAD - JEFFREY ENERGY CENTER 230KV CKT 1	131.0	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	17SP	WERE	WERE	AUBURN ROAD - JEFFREY ENERGY CENTER 230KV CKT 1	131.0	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	17SP	WERE	WERE	AUBURN ROAD - JEFFREY ENERGY CENTER 230KV CKT 1	131.0	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	17SP	WERE	WERE	AUBURN ROAD - JEFFREY ENERGY CENTER 230KV CKT 1	131.0	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	AUBURN ROAD - JEFFREY ENERGY CENTER 230KV CKT 1	131.0	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	AUBURN ROAD - JEFFREY ENERGY CENTER 230KV CKT 1	131.0	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	17SP	WERE	WERE	AUBURN ROAD - JEFFREY ENERGY CENTER 230KV CKT 1	131.0	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	17SP	WERE	WERE	AUBURN ROAD (AUBRN77X) 230/115/13.8KV TRANSFORMER CKT 1	100.9	AUBURN ROAD - SWISSVALE 230KV CKT 1	AUBURN ROAD (AUBRN77X) 230/115/13.8KV TRANSFORMER CKT 1	Replace 308MVA transformer with 400MVA transformer
5	22SP	WERE	WERE	AUBURN ROAD (AUBRN77X) 230/115/13.8KV TRANSFORMER CKT 1	100.6	AUBURN ROAD - SWISSVALE 230KV CKT 1	AUBURN ROAD (AUBRN77X) 230/115/13.8KV TRANSFORMER CKT 1	Replace 308MVA transformer with 400MVA transformer
5	17SP	KCPL	KCPL	BLUE SPRING SOUTH - BLUE SPRINGS EAST 161KV CKT 1	137.6	DUNCAN ROAD - SIBLEYPL 161.00 161KV CKT 1	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1 #1	Replace Prairie Lee 800 amp wavetrap with 1200 amp unit
5	17SP	KCPL	KCPL	BLUE SPRING SOUTH - BLUE SPRINGS EAST 161KV CKT 1	137.6	DUNCAN ROAD - SIBLEYPL 161.00 161KV CKT 1	BLUE SPRING SOUTH - BLUE SPRINGS EAST 161KV CKT 1 #1	Upgrade Prairie Lee wave trap to 2000 Amps.
5	17SP	KCPL	KCPL	BLUE SPRING SOUTH - BLUE SPRINGS EAST 161KV CKT 1	137.6	DUNCAN ROAD - SIBLEYPL 161.00 161KV CKT 1	BLUE SPRING SOUTH - BLUE SPRINGS EAST 161KV CKT 1 #2	Rebuild 2.5 miles
5	17SP	KCPL	KCPL	BLUE SPRING SOUTH - BLUE SPRINGS EAST 161KV CKT 1	137.6	DUNCAN ROAD - SIBLEYPL 161.00 161KV CKT 1	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1 #2	Rebuild 3.2 miles
5	22SP	KCPL	KCPL	BLUE SPRING SOUTH - BLUE SPRINGS EAST 161KV CKT 1	140.1	DUNCAN ROAD - SIBLEYPL 161.00 161KV CKT 1	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1 #1	Replace Prairie Lee 800 amp wavetrap with 1200 amp unit
5	22SP	KCPL	KCPL	BLUE SPRING SOUTH - BLUE SPRINGS EAST 161KV CKT 1	140.1	DUNCAN ROAD - SIBLEYPL 161.00 161KV CKT 1	BLUE SPRING SOUTH - BLUE SPRINGS EAST 161KV CKT 1 #1	Upgrade Prairie Lee wave trap to 2000 Amps.
5	22SP	KCPL	KCPL	BLUE SPRING SOUTH - BLUE SPRINGS EAST 161KV CKT 1	140.1	DUNCAN ROAD - SIBLEYPL 161.00 161KV CKT 1	BLUE SPRING SOUTH - BLUE SPRINGS EAST 161KV CKT 1 #2	Rebuild 2.5 miles
5	22SP	KCPL	KCPL	BLUE SPRING SOUTH - BLUE SPRINGS EAST 161KV CKT 1	140.1	DUNCAN ROAD - SIBLEYPL 161.00 161KV CKT 1	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1 #2	Rebuild 3.2 miles
5	17SP	KCPL	KCPL	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1	147.8	DUNCAN ROAD - SIBLEYPL 161.00 161KV CKT 1	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1 #1	Replace Prairie Lee 800 amp wavetrap with 1200 amp unit
5	17SP	KCPL	KCPL	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1	147.8	DUNCAN ROAD - SIBLEYPL 161.00 161KV CKT 1	BLUE SPRING SOUTH - BLUE SPRINGS EAST 161KV CKT 1 #1	Upgrade Prairie Lee wave trap to 2000 Amps.
5	17SP	KCPL	KCPL	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1	147.8	DUNCAN ROAD - SIBLEYPL 161.00 161KV CKT 1	BLUE SPRING SOUTH - BLUE SPRINGS EAST 161KV CKT 1 #2	Rebuild 2.5 miles
5	17SP	KCPL	KCPL	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1	147.8	DUNCAN ROAD - SIBLEYPL 161.00 161KV CKT 1	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1 #2	Rebuild 3.2 miles
5	17SP	KCPL	KCPL	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1	140.1	KCPL-MSL#10	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1 #1	Replace Prairie Lee 800 amp wavetrap with 1200 amp unit
5	17SP	KCPL	KCPL	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1	140.1	KCPL-MSL#10	BLUE SPRING SOUTH - BLUE SPRINGS EAST 161KV CKT 1 #1	Upgrade Prairie Lee wave trap to 2000 Amps.
5	17SP	KCPL	KCPL	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1	140.1	KCPL-MSL#10	BLUE SPRING SOUTH - BLUE SPRINGS EAST 161KV CKT 1 #2	Rebuild 2.5 miles
5	17SP	KCPL	KCPL	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1	140.1	KCPL-MSL#10	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1 #2	Rebuild 3.2 miles
5	22SP	KCPL	KCPL	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1	151.4	DUNCAN ROAD - SIBLEYPL 161.00 161KV CKT 1	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1 #1	Replace Prairie Lee 800 amp wavetrap with 1200 amp unit
5	22SP	KCPL	KCPL	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1	151.4	DUNCAN ROAD - SIBLEYPL 161.00 161KV CKT 1	BLUE SPRING SOUTH - BLUE SPRINGS EAST 161KV CKT 1 #1	Upgrade Prairie Lee wave trap to 2000 Amps.
5	22SP	KCPL	KCPL	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1	151.4	DUNCAN ROAD - SIBLEYPL 161.00 161KV CKT 1	BLUE SPRING SOUTH - BLUE SPRINGS EAST 161KV CKT 1 #2	Rebuild 2.5 miles
5	22SP	KCPL	KCPL	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1	151.4	DUNCAN ROAD - SIBLEYPL 161.00 161KV CKT 1	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1 #2	Rebuild 3.2 miles
5	22SP	KCPL	KCPL	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1	143.8	LEEDS - WINCHESTER JUNCTION NORTH 161KV CKT 1	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1 #1	Replace Prairie Lee 800 amp wavetrap with 1200 amp unit
5	22SP	KCPL	KCPL	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1	143.8	LEEDS - WINCHESTER JUNCTION NORTH 161KV CKT 1	BLUE SPRING SOUTH - BLUE SPRINGS EAST 161KV CKT 1 #1	Upgrade Prairie Lee wave trap to 2000 Amps.
5	22SP	KCPL	KCPL	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1	143.8	LEEDS - WINCHESTER JUNCTION NORTH 161KV CKT 1	BLUE SPRING SOUTH - BLUE SPRINGS EAST 161KV CKT 1 #2	Rebuild 2.5 miles
5	22SP	KCPL	KCPL	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1	143.8	LEEDS - WINCHESTER JUNCTION NORTH 161KV CKT 1	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1 #2	Rebuild 3.2 miles
5	22SP	KCPL	KCPL	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1	141.4	KCPL-MSL#10	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1 #1	Replace Prairie Lee 800 amp wavetrap with 1200 amp unit
5	22SP	KCPL	KCPL	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1	141.4	KCPL-MSL#10	BLUE SPRING SOUTH - BLUE SPRINGS EAST 161KV CKT 1 #1	Upgrade Prairie Lee wave trap to 2000 Amps.
5	22SP	KCPL	KCPL	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1	141.4	KCPL-MSL#10	BLUE SPRING SOUTH - BLUE SPRINGS EAST 161KV CKT 1 #2	Rebuild 2.5 miles
5	22SP	KCPL	KCPL	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1	141.4	KCPL-MSL#10	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1 #2	Rebuild 3.2 miles
5	22SP	KCPL	KCPL	BLUE SPRINGS EAST - BLUE SPRINGS WEST 161KV CKT 1	102.3	LEEDS - WINCHESTER JUNCTION NORTH 161KV CKT 1	BLUE SPRINGS EAST - BLUE SPRINGS WEST 161KV CKT 1	Replace 800 amp wavetrap with 1200 amp unit
5	17WP	OKGE	OKGE	CIMARRON - DRAPER LAKE 345KV CKT 1	102.4	ARCADIA - HORSESHOE LAKE 345KV CKT 1	CIMARRON - DRAPER LAKE 345KV CKT 1	Replace Terminal Equipment
5	17WP	OKGE	OKGE	CIMARRON - DRAPER LAKE 345KV CKT 1	102.4	HORSESHOE LAKE - SEMINOLE 345KV CKT 1	CIMARRON - DRAPER LAKE 345KV CKT 1	Replace Terminal Equipment
5	13WP	SUNC	WERE	CIRCLE - MULLERGREN 230KV CKT 1	135.7	KNOLL 230 - SMOKYHL6 230.00 230KV CKT 1	Priority Projects	
5	13WP	SUNC	WERE	CIRCLE - MULLERGREN 230KV CKT 1	123.2	SPP-MKEC-08	Priority Projects	
5	13WP	SUNC	WERE	CIRCLE - MULLERGREN 230KV CKT 1	119.8	KNOLL 230 - POSTROCK6 230.00 230KV CKT 1	Priority Projects	
5	13WP	SUNC	WERE	CIRCLE - MULLERGREN 230KV CKT 1	116.3	SPP-WEPL-03A	Priority Projects	
5	13WP	SUNC	WERE	CIRCLE - MULLERGREN 230KV CKT 1	116.1	SPP-MKEC-06	Priority Projects	
5	13WP	SUNC	WERE	CIRCLE - MULLERGREN 230KV CKT 1	105.5	BASE CASE	Priority Projects	
5	13WP	SUNC	WERE	CIRCLE - MULLERGREN 230KV CKT 1	104.9	JUDSON LARGE (FTDODGE3) 115/34.5/2.4KV TRANSFORMER CKT 1	Priority Projects	
5	13WP	SUNC	WERE	CIRCLE - MULLERGREN 230KV CKT 1	104.3	CIRCLE - RENO COUNTY 115KV CKT 1	Priority Projects	
5	13WP	SUNC	WERE	CIRCLE - MULLERGREN 230KV CKT 1	104.2	LACYGNE - NEOSHO 345KV CKT 1	Priority Projects	
5	13WP	SUNC	WERE	CIRCLE - MULLERGREN 230KV CKT 1	104.1	CIRCLE - HUTCHINSON ENERGY CENTER 115KV CKT 1	Priority Projects	

5	13WP	WERE	WERE	CIRCLE (CIRCLE1X) 230/115/13.8KV TRANSFORMER CKT 1	118.7	CIRCLE - EAST MCPHERSON 230KV CKT 1	Priority Projects	
5	13WP	WERE	WERE	CIRCLE (CIRCLE1X) 230/115/13.8KV TRANSFORMER CKT 1	105.3	RENO COUNTY - SUMMIT 345KV CKT 1	Priority Projects	
5	13WP	WERE	WERE	CIRCLE (CIRCLE1X) 230/115/13.8KV TRANSFORMER CKT 1	101.9	SPP-MKEC-06	Priority Projects	
5	13WP	WERE	WERE	CIRCLE (CIRCLE1X) 230/115/13.8KV TRANSFORMER CKT 1	101.7	SUMMIT (SUMMIT1X) 345/230/14.4KV TRANSFORMER CKT 1	Priority Projects	
5	13WP	WERE	WERE	CIRCLE (CIRCLE1X) 230/115/13.8KV TRANSFORMER CKT 1	101.1	BASE CASE	Priority Projects	
5	13WP	WERE	WERE	CIRCLE (CIRCLE1X) 230/115/13.8KV TRANSFORMER CKT 1	100.3	SPP-WERE-76	Priority Projects	
5	13WP	NPPD	NPPD	COLUMWEST - GRAND ISLAND 230KV CKT 1	117.9	GRAND ISLAND - MCCOOL 345KV CKT 1	HOLT - NELIGH 345KV CKT 1	Build new 16 miles 345 kV Holt - Neligh and associated terminal equipment
5	13WP	NPPD	NPPD	COLUMWEST - GRAND ISLAND 230KV CKT 1	117.9	GRAND ISLAND - MCCOOL 345KV CKT 1	Cherry Co - Gentleman 345 kV Ckt1	Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles).
5	13WP	NPPD	NPPD	COLUMWEST - GRAND ISLAND 230KV CKT 1	117.9	GRAND ISLAND - MCCOOL 345KV CKT 1	Cherry Co - Holt Co 345 kV Ckt1	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation. (Estimated 146 miles).
5	13WP	NPPD	NPPD	COLUMWEST - GRAND ISLAND 230KV CKT 1	117.9	GRAND ISLAND - MCCOOL 345KV CKT 1	Cherry Co 345 kV Terminal Upgrades	Build new Cherry County 345 kV Substation.
5	13WP	NPPD	NPPD	COLUMWEST - GRAND ISLAND 230KV CKT 1	117.9	GRAND ISLAND - MCCOOL 345KV CKT 1	Neligh - Hoskins 345 kV Ckt1	Build a new 50 mile 345 kV line from Hoskins to Neligh
5	13WP	NPPD	NPPD	COLUMWEST - GRAND ISLAND 230KV CKT 1	117.9	GRAND ISLAND - MCCOOL 345KV CKT 1	Neligh 345/115 kV Transformer	Construct new substation at Neligh. Install a new 345/115 kV transformer at Neligh.
5	13WP	NPPD	NPPD	COLUMWEST - GRAND ISLAND 230KV CKT 1	113.0	MCCOOL - MOORE 345KV CKT 1	HOLT - NELIGH 345KV CKT 1	Build new 16 miles 345 kV Holt - Neligh and associated terminal equipment
5	13WP	NPPD	NPPD	COLUMWEST - GRAND ISLAND 230KV CKT 1	113.0	MCCOOL - MOORE 345KV CKT 1	Cherry Co - Gentleman 345 kV Ckt1	Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles).
5	13WP	NPPD	NPPD	COLUMWEST - GRAND ISLAND 230KV CKT 1	113.0	MCCOOL - MOORE 345KV CKT 1	Cherry Co - Holt Co 345 kV Ckt1	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation. (Estimated 146 miles).
5	13WP	NPPD	NPPD	COLUMWEST - GRAND ISLAND 230KV CKT 1	113.0	MCCOOL - MOORE 345KV CKT 1	Cherry Co 345 kV Terminal Upgrades	Build new Cherry County 345 kV Substation.
5	13WP	NPPD	NPPD	COLUMWEST - GRAND ISLAND 230KV CKT 1	113.0	MCCOOL - MOORE 345KV CKT 1	Neligh - Hoskins 345 kV Ckt1	Build a new 50 mile 345 kV line from Hoskins to Neligh
5	13WP	NPPD	NPPD	COLUMWEST - GRAND ISLAND 230KV CKT 1	113.0	MCCOOL - MOORE 345KV CKT 1	Neligh 345/115 kV Transformer	Construct new substation at Neligh. Install a new 345/115 kV transformer at Neligh.
5	13WP	NPPD	NPPD	COLUMWEST - GRAND ISLAND 230KV CKT 1	101.0	COLUMEAST - NW68TH & HOLDREGE 345KV CKT 1	HOLT - NELIGH 345KV CKT 1	Build new 16 miles 345 kV Holt - Neligh and associated terminal equipment
5	13WP	NPPD	NPPD	COLUMWEST - GRAND ISLAND 230KV CKT 1	101.0	COLUMEAST - NW68TH & HOLDREGE 345KV CKT 1	Cherry Co - Gentleman 345 kV Ckt1	Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles).
5	13WP	NPPD	NPPD	COLUMWEST - GRAND ISLAND 230KV CKT 1	101.0	COLUMEAST - NW68TH & HOLDREGE 345KV CKT 1	Cherry Co - Holt Co 345 kV Ckt1	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation. (Estimated 146 miles).
5	13WP	NPPD	NPPD	COLUMWEST - GRAND ISLAND 230KV CKT 1	101.0	COLUMEAST - NW68TH & HOLDREGE 345KV CKT 1	Cherry Co 345 kV Terminal Upgrades	Build new Cherry County 345 kV Substation.
5	13WP	NPPD	NPPD	COLUMWEST - GRAND ISLAND 230KV CKT 1	101.0	COLUMEAST - NW68TH & HOLDREGE 345KV CKT 1	Neligh - Hoskins 345 kV Ckt1	Build a new 50 mile 345 kV line from Hoskins to Neligh
5	13WP	NPPD	NPPD	COLUMWEST - GRAND ISLAND 230KV CKT 1	101.0	COLUMEAST - NW68TH & HOLDREGE 345KV CKT 1	Neligh 345/115 kV Transformer	Construct new substation at Neligh. Install a new 345/115 kV transformer at Neligh.
5	17WP	NPPD	NPPD	COLUMWEST - GRAND ISLAND 230KV CKT 1	109.4	GRAND ISLAND - MCCOOL 345KV CKT 1	HOLT - NELIGH 345KV CKT 1	Build new 16 miles 345 kV Holt - Neligh and associated terminal equipment
5	17WP	NPPD	NPPD	COLUMWEST - GRAND ISLAND 230KV CKT 1	109.4	GRAND ISLAND - MCCOOL 345KV CKT 1	Cherry Co - Gentleman 345 kV Ckt1	Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles).
5	17WP	NPPD	NPPD	COLUMWEST - GRAND ISLAND 230KV CKT 1	109.4	GRAND ISLAND - MCCOOL 345KV CKT 1	Cherry Co - Holt Co 345 kV Ckt1	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation. (Estimated 146 miles).
5	17WP	NPPD	NPPD	COLUMWEST - GRAND ISLAND 230KV CKT 1	109.4	GRAND ISLAND - MCCOOL 345KV CKT 1	Cherry Co 345 kV Terminal Upgrades	Build new Cherry County 345 kV Substation.
5	17WP	NPPD	NPPD	COLUMWEST - GRAND ISLAND 230KV CKT 1	109.4	GRAND ISLAND - MCCOOL 345KV CKT 1	Neligh - Hoskins 345 kV Ckt1	Build a new 50 mile 345 kV line from Hoskins to Neligh
5	17WP	NPPD	NPPD	COLUMWEST - GRAND ISLAND 230KV CKT 1	109.4	GRAND ISLAND - MCCOOL 345KV CKT 1	Neligh 345/115 kV Transformer	Construct new substation at Neligh. Install a new 345/115 kV transformer at Neligh.
5	17WP	NPPD	NPPD	COLUMWEST - GRAND ISLAND 230KV CKT 1	104.0	MCCOOL - MOORE 345KV CKT 1	HOLT - NELIGH 345KV CKT 1	Build new 16 miles 345 kV Holt - Neligh and associated terminal equipment
5	17WP	NPPD	NPPD	COLUMWEST - GRAND ISLAND 230KV CKT 1	104.0	MCCOOL - MOORE 345KV CKT 1	Cherry Co - Gentleman 345 kV Ckt1	Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles).
5	17WP	NPPD	NPPD	COLUMWEST - GRAND ISLAND 230KV CKT 1	104.0	MCCOOL - MOORE 345KV CKT 1	Cherry Co - Holt Co 345 kV Ckt1	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation. (Estimated 146 miles).
5	17WP	NPPD	NPPD	COLUMWEST - GRAND ISLAND 230KV CKT 1	104.0	MCCOOL - MOORE 345KV CKT 1	Cherry Co 345 kV Terminal Upgrades	Build new Cherry County 345 kV Substation.
5	17WP	NPPD	NPPD	COLUMWEST - GRAND ISLAND 230KV CKT 1	104.0	MCCOOL - MOORE 345KV CKT 1	Neligh - Hoskins 345 kV Ckt1	Build a new 50 mile 345 kV line from Hoskins to Neligh
5	17WP	NPPD	NPPD	COLUMWEST - GRAND ISLAND 230KV CKT 1	104.0	MCCOOL - MOORE 345KV CKT 1	Neligh 345/115 kV Transformer	Construct new substation at Neligh. Install a new 345/115 kV transformer at Neligh.
5	13WP	NPPD	NPPD	COLUMWEST - KELLY 230KV CKT 1	103.6	GRAND ISLAND - MCCOOL 345KV CKT 1	HOLT - NELIGH 345KV CKT 1	Build new 16 miles 345 kV Holt - Neligh and associated terminal equipment
5	13WP	NPPD	NPPD	COLUMWEST - KELLY 230KV CKT 1	103.6	GRAND ISLAND - MCCOOL 345KV CKT 1	Cherry Co - Gentleman 345 kV Ckt1	Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles).
5	13WP	NPPD	NPPD	COLUMWEST - KELLY 230KV CKT 1	103.6	GRAND ISLAND - MCCOOL 345KV CKT 1	Cherry Co - Holt Co 345 kV Ckt1	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation. (Estimated 146 miles).
5	13WP	NPPD	NPPD	COLUMWEST - KELLY 230KV CKT 1	103.6	GRAND ISLAND - MCCOOL 345KV CKT 1	Cherry Co 345 kV Terminal Upgrades	Build new Cherry County 345 kV Substation.
5	13WP	NPPD	NPPD	COLUMWEST - KELLY 230KV CKT 1	103.6	GRAND ISLAND - MCCOOL 345KV CKT 1	Neligh - Hoskins 345 kV Ckt1	Build a new 50 mile 345 kV line from Hoskins to Neligh
5	13WP	NPPD	NPPD	COLUMWEST - KELLY 230KV CKT 1	103.6	GRAND ISLAND - MCCOOL 345KV CKT 1	Neligh 345/115 kV Transformer	Construct new substation at Neligh. Install a new 345/115 kV transformer at Neligh.
5	17SP	KCPL	KCPL	CRAIG - LENEXA NORTH 161KV CKT 1	106.5	CEDAR CREEK - GREENWOOD 161KV CKT 1	CRAIG - LENEXA NORTH 161KV CKT 1	Rebuild 2.95 miles
5	17SP	KCPL	KCPL	CRAIG - LENEXA NORTH 161KV CKT 1	105.5	CRAIG - PFLUMM 161KV CKT 1	CRAIG - LENEXA NORTH 161KV CKT 1	Rebuild 2.95 miles
5	17SP	KCPL	KCPL	CRAIG - LENEXA NORTH 161KV CKT 1	103.0	OVERLAND PARK - PFLUMM 161KV CKT 1	CRAIG - LENEXA NORTH 161KV CKT 1	Rebuild 2.95 miles
5	22SP	KCPL	KCPL	CRAIG - LENEXA NORTH 161KV CKT 1	107.0	CEDAR CREEK - GREENWOOD 161KV CKT 1	CRAIG - LENEXA NORTH 161KV CKT 1	Rebuild 2.95 miles
5	22SP	KCPL	KCPL	CRAIG - LENEXA NORTH 161KV CKT 1	106.6	CRAIG - PFLUMM 161KV CKT 1	CRAIG - LENEXA NORTH 161KV CKT 1	Rebuild 2.95 miles
5	22SP	KCPL	KCPL	CRAIG - LENEXA NORTH 161KV CKT 1	103.9	OVERLAND PARK - PFLUMM 161KV CKT 1	CRAIG - LENEXA NORTH 161KV CKT 1	Rebuild 2.95 miles
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	146.4	87th STREET - CRAIG 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	146.4	87th STREET - CRAIG 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	146.4	87th STREET - CRAIG 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	146.4	87th STREET - CRAIG 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	146.4	87th STREET - CRAIG 345KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	146.4	87th STREET - CRAIG 345KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	146.4	87th STREET - CRAIG 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	146.4	87th STREET - CRAIG 345KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	146.4	87th STREET - CRAIG 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	146.4	87th STREET - CRAIG 345KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	127.6	IATAN - ST JOE 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	127.6	IATAN - ST JOE 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	127.6	IATAN - ST JOE 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	127.6	IATAN - ST JOE 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	127.6	IATAN - ST JOE 345KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate

5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	127.6	IATAN - ST JOE 345KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	127.6	IATAN - ST JOE 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	127.6	IATAN - ST JOE 345KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	127.6	IATAN - ST JOE 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	127.6	IATAN - ST JOE 345KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	118.7	SWISSVALE - WEST GARDNER 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	118.7	SWISSVALE - WEST GARDNER 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	118.7	SWISSVALE - WEST GARDNER 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	118.7	SWISSVALE - WEST GARDNER 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	118.7	SWISSVALE - WEST GARDNER 345KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	118.7	SWISSVALE - WEST GARDNER 345KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	118.7	SWISSVALE - WEST GARDNER 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	118.7	SWISSVALE - WEST GARDNER 345KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	118.7	SWISSVALE - WEST GARDNER 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	118.7	SWISSVALE - WEST GARDNER 345KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	118.1	KCPL-OPGD#08	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	118.1	KCPL-OPGD#08	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	118.1	KCPL-OPGD#08	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	118.1	KCPL-OPGD#08	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	118.1	KCPL-OPGD#08	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	118.1	KCPL-OPGD#08	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	118.1	KCPL-OPGD#08	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	118.1	KCPL-OPGD#08	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	118.1	KCPL-OPGD#08	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	118.1	KCPL-OPGD#08	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	117.0	KCPL-OPGD#06	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	117.0	KCPL-OPGD#06	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	117.0	KCPL-OPGD#06	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	117.0	KCPL-OPGD#06	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	117.0	KCPL-OPGD#06	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	117.0	KCPL-OPGD#06	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	117.0	KCPL-OPGD#06	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	117.0	KCPL-OPGD#06	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	117.0	KCPL-OPGD#06	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	117.0	KCPL-OPGD#06	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	116.4	KCPL-OPGD#01	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	116.4	KCPL-OPGD#01	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	116.4	KCPL-OPGD#01	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	116.4	KCPL-OPGD#01	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	116.4	KCPL-OPGD#01	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	116.4	KCPL-OPGD#01	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	116.4	KCPL-OPGD#01	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	116.4	KCPL-OPGD#01	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	116.4	KCPL-OPGD#01	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	116.4	KCPL-OPGD#01	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	108.3	LACYGNE - STILWELL 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	108.3	LACYGNE - STILWELL 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	108.3	LACYGNE - STILWELL 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	108.3	LACYGNE - STILWELL 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	108.3	LACYGNE - STILWELL 345KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	108.3	LACYGNE - STILWELL 345KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	108.3	LACYGNE - STILWELL 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	108.3	LACYGNE - STILWELL 345KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	108.3	LACYGNE - STILWELL 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	108.3	LACYGNE - STILWELL 345KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	104.9	HOYT - STRANGER CREEK 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV

5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	104.9	HOYT - STRANGER CREEK 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	104.9	HOYT - STRANGER CREEK 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	104.9	HOYT - STRANGER CREEK 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	104.9	HOYT - STRANGER CREEK 345KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	104.9	HOYT - STRANGER CREEK 345KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	104.9	HOYT - STRANGER CREEK 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	104.9	HOYT - STRANGER CREEK 345KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	104.9	HOYT - STRANGER CREEK 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	104.9	HOYT - STRANGER CREEK 345KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	17WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	100.2	87th STREET - CRAIG 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	17WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	100.2	87th STREET - CRAIG 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	17WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	100.2	87th STREET - CRAIG 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	17WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	100.2	87th STREET - CRAIG 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	17WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	100.2	87th STREET - CRAIG 345KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	17WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	100.2	87th STREET - CRAIG 345KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	17WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	100.2	87th STREET - CRAIG 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	17WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	100.2	87th STREET - CRAIG 345KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	17WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	100.2	87th STREET - CRAIG 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	17WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	100.2	87th STREET - CRAIG 345KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	13WP	WERE	WERE	EDWARDSVILLE (EDWRDV4X) 161/115/12.47KV TRANSFORMER CKT 1	141.5	87th STREET - CRAIG 345KV CKT 1	IATAN - NASHUA 345KV CKT 1	Tap Nashua 345kV bus in Hawthorn - St. Joseph 345 kV line. Build new 345 kV line from Iatan to Nashua,Add Nashua 345/161 kV
5	13WP	WERE	WERE	EDWARDSVILLE (EDWRDV4X) 161/115/12.47KV TRANSFORMER CKT 1	122.4	IATAN - ST JOE 345KV CKT 1	IATAN - NASHUA 345KV CKT 1	Tap Nashua 345kV bus in Hawthorn - St. Joseph 345 kV line. Build new 345 kV line from Iatan to Nashua,Add Nashua 345/161 kV
5	13WP	WERE	WERE	EDWARDSVILLE (EDWRDV4X) 161/115/12.47KV TRANSFORMER CKT 1	115.5	SWISSVALE - WEST GARDNER 345KV CKT 1	IATAN - NASHUA 345KV CKT 1	Tap Nashua 345kV bus in Hawthorn - St. Joseph 345 kV line. Build new 345 kV line from Iatan to Nashua,Add Nashua 345/161 kV
5	13WP	WERE	WERE	EDWARDSVILLE (EDWRDV4X) 161/115/12.47KV TRANSFORMER CKT 1	114.4	KCPL-OPGD#08	IATAN - NASHUA 345KV CKT 1	Tap Nashua 345kV bus in Hawthorn - St. Joseph 345 kV line. Build new 345 kV line from Iatan to Nashua,Add Nashua 345/161 kV
5	13WP	WERE	WERE	EDWARDSVILLE (EDWRDV4X) 161/115/12.47KV TRANSFORMER CKT 1	112.8	KCPL-OPGD#06	IATAN - NASHUA 345KV CKT 1	Tap Nashua 345kV bus in Hawthorn - St. Joseph 345 kV line. Build new 345 kV line from Iatan to Nashua,Add Nashua 345/161 kV
5	13WP	WERE	WERE	EDWARDSVILLE (EDWRDV4X) 161/115/12.47KV TRANSFORMER CKT 1	111.8	KCPL-OPGD#01	IATAN - NASHUA 345KV CKT 1	Tap Nashua 345kV bus in Hawthorn - St. Joseph 345 kV line. Build new 345 kV line from Iatan to Nashua,Add Nashua 345/161 kV
5	13WP	WERE	WERE	EDWARDSVILLE (EDWRDV4X) 161/115/12.47KV TRANSFORMER CKT 1	104.0	LACYGNE - STILWELL 345KV CKT 1	IATAN - NASHUA 345KV CKT 1	Tap Nashua 345kV bus in Hawthorn - St. Joseph 345 kV line. Build new 345 kV line from Iatan to Nashua,Add Nashua 345/161 kV
5	13WP	WERE	WERE	EDWARDSVILLE (EDWRDV4X) 161/115/12.47KV TRANSFORMER CKT 1	101.4	HOYT - STRANGER CREEK 345KV CKT 1	IATAN - NASHUA 345KV CKT 1	Tap Nashua 345kV bus in Hawthorn - St. Joseph 345 kV line. Build new 345 kV line from Iatan to Nashua,Add Nashua 345/161 kV
5	13WP	WERE	WERE	EDWARDSVILLE (EDWRDV4X) 161/115/12.47KV TRANSFORMER CKT 1	101.1	BASE CASE	IATAN - NASHUA 345KV CKT 1	Tap Nashua 345kV bus in Hawthorn - St. Joseph 345 kV line. Build new 345 kV line from Iatan to Nashua,Add Nashua 345/161 kV
5	17SP	WERE	WERE	GOODYEAR JUNCTION - NORTHLAND 115KV CKT 1	113.0	HOYT - STRANGER CREEK 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	17SP	WERE	WERE	GOODYEAR JUNCTION - NORTHLAND 115KV CKT 1	113.0	HOYT - STRANGER CREEK 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	17SP	WERE	WERE	GOODYEAR JUNCTION - NORTHLAND 115KV CKT 1	113.0	HOYT - STRANGER CREEK 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	17SP	WERE	WERE	GOODYEAR JUNCTION - NORTHLAND 115KV CKT 1	113.0	HOYT - STRANGER CREEK 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	17SP	WERE	WERE	GOODYEAR JUNCTION - NORTHLAND 115KV CKT 1	113.0	HOYT - STRANGER CREEK 345KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	17SP	WERE	WERE	GOODYEAR JUNCTION - NORTHLAND 115KV CKT 1	113.0	HOYT - STRANGER CREEK 345KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	17SP	WERE	WERE	GOODYEAR JUNCTION - NORTHLAND 115KV CKT 1	113.0	HOYT - STRANGER CREEK 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	GOODYEAR JUNCTION - NORTHLAND 115KV CKT 1	113.0	HOYT - STRANGER CREEK 345KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	GOODYEAR JUNCTION - NORTHLAND 115KV CKT 1	113.0	HOYT - STRANGER CREEK 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	17SP	WERE	WERE	GOODYEAR JUNCTION - NORTHLAND 115KV CKT 1	113.0	HOYT - STRANGER CREEK 345KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	22SP	WERE	WERE	GOODYEAR JUNCTION - NORTHLAND 115KV CKT 1	114.3	HOYT - STRANGER CREEK 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	22SP	WERE	WERE	GOODYEAR JUNCTION - NORTHLAND 115KV CKT 1	114.3	HOYT - STRANGER CREEK 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	22SP	WERE	WERE	GOODYEAR JUNCTION - NORTHLAND 115KV CKT 1	114.3	HOYT - STRANGER CREEK 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	22SP	WERE	WERE	GOODYEAR JUNCTION - NORTHLAND 115KV CKT 1	114.3	HOYT - STRANGER CREEK 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	22SP	WERE	WERE	GOODYEAR JUNCTION - NORTHLAND 115KV CKT 1	114.3	HOYT - STRANGER CREEK 345KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	22SP	WERE	WERE	GOODYEAR JUNCTION - NORTHLAND 115KV CKT 1	114.3	HOYT - STRANGER CREEK 345KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	22SP	WERE	WERE	GOODYEAR JUNCTION - NORTHLAND 115KV CKT 1	114.3	HOYT - STRANGER CREEK 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	GOODYEAR JUNCTION - NORTHLAND 115KV CKT 1	114.3	HOYT - STRANGER CREEK 345KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	GOODYEAR JUNCTION - NORTHLAND 115KV CKT 1	114.3	HOYT - STRANGER CREEK 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	22SP	WERE	WERE	GOODYEAR JUNCTION - NORTHLAND 115KV CKT 1	114.3	HOYT - STRANGER CREEK 345KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	141.6	AXTELL - SWEETWATER 345KV CKT 1	Cherry Co - Gentleman 345 kV Ckt1	Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles).
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	141.6	AXTELL - SWEETWATER 345KV CKT 1	Cherry Co - Holt Co 345 kV Ckt1	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation. (Estimated 146 miles).
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	141.6	AXTELL - SWEETWATER 345KV CKT 1	Cherry Co 345 kV Terminal Upgrades	Build new Cherry County 345 kV Substation.
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	141.6	AXTELL - SWEETWATER 345KV CKT 1	Circle - Reno 345kV Dbl CKT	Build approximately 6 miles of double 345kV Circle - Reno
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	141.6	AXTELL - SWEETWATER 345KV CKT 1	Mullergren - Reno 345kV Dbl CKT MKEC	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	141.6	AXTELL - SWEETWATER 345KV CKT 1	Mullergren - Reno 345kV Dbl CKT WERE	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	141.6	AXTELL - SWEETWATER 345KV CKT 1	Spearville - Mullergren 345kV Dbl CKT	Build approximately 74 miles of double 345kV Spearville - Mullergren
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	130.5	CROOKED CREEK - NORTH PLATTE 230KV CKT 1	Cherry Co - Gentleman 345 kV Ckt1	Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles).
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	130.5	CROOKED CREEK - NORTH PLATTE 230KV CKT 1	Cherry Co - Holt Co 345 kV Ckt1	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation. (Estimated 146 miles).

5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	130.5	CROOKED CREEK - NORTH PLATTE 230KV CKT 1	Cherry Co 345 kV Terminal Upgrades	Build new Cherry County 345 kV Substation.
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	130.5	CROOKED CREEK - NORTH PLATTE 230KV CKT 1	Circle - Reno 345kV Dbl CKT	Build approximately 6 miles of double 345kV Circle - Reno
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	130.5	CROOKED CREEK - NORTH PLATTE 230KV CKT 1	Mullergren - Reno 345kV Dbl CKT MKEC	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	130.5	CROOKED CREEK - NORTH PLATTE 230KV CKT 1	Mullergren - Reno 345kV Dbl CKT WERE	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	130.5	CROOKED CREEK - NORTH PLATTE 230KV CKT 1	Spearville - Mullergren 345kV Dbl CKT	Build approximately 74 miles of double 345kV Spearville - Mullergren
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	128.6	GRAND ISLAND - RIVERDALE 230KV CKT 1	Cherry Co - Gentleman 345 kV Ckt1	Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles).
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	128.6	GRAND ISLAND - RIVERDALE 230KV CKT 1	Cherry Co - Holt Co 345 kV Ckt1	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation. (Estimated 146 miles).
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	128.6	GRAND ISLAND - RIVERDALE 230KV CKT 1	Cherry Co 345 kV Terminal Upgrades	Build new Cherry County 345 kV Substation.
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	128.6	GRAND ISLAND - RIVERDALE 230KV CKT 1	Circle - Reno 345kV Dbl CKT	Build approximately 6 miles of double 345kV Circle - Reno
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	128.6	GRAND ISLAND - RIVERDALE 230KV CKT 1	Mullergren - Reno 345kV Dbl CKT MKEC	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	128.6	GRAND ISLAND - RIVERDALE 230KV CKT 1	Mullergren - Reno 345kV Dbl CKT WERE	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	128.6	GRAND ISLAND - RIVERDALE 230KV CKT 1	Spearville - Mullergren 345kV Dbl CKT	Build approximately 74 miles of double 345kV Spearville - Mullergren
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	123.4	IATAN - ST JOE 345KV CKT 1	Cherry Co - Gentleman 345 kV Ckt1	Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles).
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	123.4	IATAN - ST JOE 345KV CKT 1	Cherry Co - Holt Co 345 kV Ckt1	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation. (Estimated 146 miles).
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	123.4	IATAN - ST JOE 345KV CKT 1	Cherry Co 345 kV Terminal Upgrades	Build new Cherry County 345 kV Substation.
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	123.4	IATAN - ST JOE 345KV CKT 1	Circle - Reno 345kV Dbl CKT	Build approximately 6 miles of double 345kV Circle - Reno
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	123.4	IATAN - ST JOE 345KV CKT 1	Mullergren - Reno 345kV Dbl CKT MKEC	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	123.4	IATAN - ST JOE 345KV CKT 1	Mullergren - Reno 345kV Dbl CKT WERE	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	123.4	IATAN - ST JOE 345KV CKT 1	Spearville - Mullergren 345kV Dbl CKT	Build approximately 74 miles of double 345kV Spearville - Mullergren
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	122.6	SPP-MKEC-08	Cherry Co - Gentleman 345 kV Ckt1	Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles).
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	122.6	SPP-MKEC-08	Cherry Co - Holt Co 345 kV Ckt1	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation. (Estimated 146 miles).
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	122.6	SPP-MKEC-08	Cherry Co 345 kV Terminal Upgrades	Build new Cherry County 345 kV Substation.
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	122.6	SPP-MKEC-08	Circle - Reno 345kV Dbl CKT	Build approximately 6 miles of double 345kV Circle - Reno
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	122.6	SPP-MKEC-08	Mullergren - Reno 345kV Dbl CKT MKEC	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	122.6	SPP-MKEC-08	Mullergren - Reno 345kV Dbl CKT WERE	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	122.6	SPP-MKEC-08	Spearville - Mullergren 345kV Dbl CKT	Build approximately 74 miles of double 345kV Spearville - Mullergren
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	122.2	HOYT - STRANGER CREEK 345KV CKT 1	Cherry Co - Gentleman 345 kV Ckt1	Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles).
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	122.2	HOYT - STRANGER CREEK 345KV CKT 1	Cherry Co - Holt Co 345 kV Ckt1	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation. (Estimated 146 miles).
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	122.2	HOYT - STRANGER CREEK 345KV CKT 1	Cherry Co 345 kV Terminal Upgrades	Build new Cherry County 345 kV Substation.
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	122.2	HOYT - STRANGER CREEK 345KV CKT 1	Circle - Reno 345kV Dbl CKT	Build approximately 6 miles of double 345kV Circle - Reno
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	122.2	HOYT - STRANGER CREEK 345KV CKT 1	Mullergren - Reno 345kV Dbl CKT MKEC	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	122.2	HOYT - STRANGER CREEK 345KV CKT 1	Mullergren - Reno 345kV Dbl CKT WERE	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	122.2	HOYT - STRANGER CREEK 345KV CKT 1	Spearville - Mullergren 345kV Dbl CKT	Build approximately 74 miles of double 345kV Spearville - Mullergren
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	122.1	GREENSBURG - SUN CITY 115KV CKT 1	Cherry Co - Gentleman 345 kV Ckt1	Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles).
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	122.1	GREENSBURG - SUN CITY 115KV CKT 1	Cherry Co - Holt Co 345 kV Ckt1	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation. (Estimated 146 miles).
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	122.1	GREENSBURG - SUN CITY 115KV CKT 1	Cherry Co 345 kV Terminal Upgrades	Build new Cherry County 345 kV Substation.
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	122.1	GREENSBURG - SUN CITY 115KV CKT 1	Circle - Reno 345kV Dbl CKT	Build approximately 6 miles of double 345kV Circle - Reno
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	122.1	GREENSBURG - SUN CITY 115KV CKT 1	Mullergren - Reno 345kV Dbl CKT MKEC	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	122.1	GREENSBURG - SUN CITY 115KV CKT 1	Mullergren - Reno 345kV Dbl CKT WERE	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	122.1	GREENSBURG - SUN CITY 115KV CKT 1	Spearville - Mullergren 345kV Dbl CKT	Build approximately 74 miles of double 345kV Spearville - Mullergren
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	122.0	SPP-WERE-34	Cherry Co - Gentleman 345 kV Ckt1	Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles).
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	122.0	SPP-WERE-34	Cherry Co - Holt Co 345 kV Ckt1	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation. (Estimated 146 miles).
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	122.0	SPP-WERE-34	Cherry Co 345 kV Terminal Upgrades	Build new Cherry County 345 kV Substation.
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	122.0	SPP-WERE-34	Circle - Reno 345kV Dbl CKT	Build approximately 6 miles of double 345kV Circle - Reno
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	122.0	SPP-WERE-34	Mullergren - Reno 345kV Dbl CKT MKEC	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	122.0	SPP-WERE-34	Mullergren - Reno 345kV Dbl CKT WERE	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	122.0	SPP-WERE-34	Spearville - Mullergren 345kV Dbl CKT	Build approximately 74 miles of double 345kV Spearville - Mullergren
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	119.5	LACYGNE - STILWELL 345KV CKT 1	Cherry Co - Gentleman 345 kV Ckt1	Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles).
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	119.5	LACYGNE - STILWELL 345KV CKT 1	Cherry Co - Holt Co 345 kV Ckt1	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation. (Estimated 146 miles).
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	119.5	LACYGNE - STILWELL 345KV CKT 1	Cherry Co 345 kV Terminal Upgrades	Build new Cherry County 345 kV Substation.
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	119.5	LACYGNE - STILWELL 345KV CKT 1	Circle - Reno 345kV Dbl CKT	Build approximately 6 miles of double 345kV Circle - Reno
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	119.5	LACYGNE - STILWELL 345KV CKT 1	Mullergren - Reno 345kV Dbl CKT MKEC	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	119.5	LACYGNE - STILWELL 345KV CKT 1	Mullergren - Reno 345kV Dbl CKT WERE	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	119.5	LACYGNE - STILWELL 345KV CKT 1	Spearville - Mullergren 345kV Dbl CKT	Build approximately 74 miles of double 345kV Spearville - Mullergren
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	119.3	MALONEY 115/34.5KV TRANSFORMER CKT 1	Cherry Co - Gentleman 345 kV Ckt1	Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles).
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	119.3	MALONEY 115/34.5KV TRANSFORMER CKT 1	Cherry Co - Holt Co 345 kV Ckt1	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation. (Estimated 146 miles).
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	119.3	MALONEY 115/34.5KV TRANSFORMER CKT 1	Cherry Co 345 kV Terminal Upgrades	Build new Cherry County 345 kV Substation.
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	119.3	MALONEY 115/34.5KV TRANSFORMER CKT 1	Circle - Reno 345kV Dbl CKT	Build approximately 6 miles of double 345kV Circle - Reno
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	119.3	MALONEY 115/34.5KV TRANSFORMER CKT 1	Mullergren - Reno 345kV Dbl CKT MKEC	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	119.3	MALONEY 115/34.5KV TRANSFORMER CKT 1	Mullergren - Reno 345kV Dbl CKT WERE	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	119.3	MALONEY 115/34.5KV TRANSFORMER CKT 1	Spearville - Mullergren 345kV Dbl CKT	Build approximately 74 miles of double 345kV Spearville - Mullergren
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	117.7	BASE CASE	Cherry Co - Gentleman 345 kV Ckt1	Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles).
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	117.7	BASE CASE	Cherry Co - Holt Co 345 kV Ckt1	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation. (Estimated 146 miles).
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	117.7	BASE CASE	Cherry Co 345 kV Terminal Upgrades	Build new Cherry County 345 kV Substation.
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	117.7	BASE CASE	Circle - Reno 345kV Dbl CKT	Build approximately 6 miles of double 345kV Circle - Reno
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	117.7	BASE CASE	Mullergren - Reno 345kV Dbl CKT MKEC	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	117.7	BASE CASE	Mullergren - Reno 345kV Dbl CKT WERE	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno

5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	117.7	BASE CASE	Spearville - Mullergren 345kV Dbl CKT	Build approximately 74 miles of double 345kV Spearville - Mullergren
5	17SP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	100.4	AXTELL - PAULINE 345KV CKT 1	Cherry Co - Gentleman 345 kV Ckt1	Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles).
5	17SP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	100.4	AXTELL - PAULINE 345KV CKT 1	Cherry Co - Holt Co 345 kV Ckt1	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation. (Estimated 146 miles).
5	17SP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	100.4	AXTELL - PAULINE 345KV CKT 1	Cherry Co 345 kV Terminal Upgrades	Build new Cherry County 345 kV Substation.
5	17SP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	100.4	AXTELL - PAULINE 345KV CKT 1	Circle - Reno 345kV Dbl CKT	Build approximately 6 miles of double 345kV Circle - Reno
5	17SP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	100.4	AXTELL - PAULINE 345KV CKT 1	Mullergren - Reno 345kV Dbl CKT MKEC	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	17SP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	100.4	AXTELL - PAULINE 345KV CKT 1	Mullergren - Reno 345kV Dbl CKT WERE	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	17SP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	100.4	AXTELL - PAULINE 345KV CKT 1	Spearville - Mullergren 345kV Dbl CKT	Build approximately 74 miles of double 345kV Spearville - Mullergren
5	17WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	109.4	AXTELL - PAULINE 345KV CKT 1	Cherry Co - Gentleman 345 kV Ckt1	Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles).
5	17WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	109.4	AXTELL - PAULINE 345KV CKT 1	Cherry Co - Holt Co 345 kV Ckt1	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation. (Estimated 146 miles).
5	17WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	109.4	AXTELL - PAULINE 345KV CKT 1	Cherry Co 345 kV Terminal Upgrades	Build new Cherry County 345 kV Substation.
5	17WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	109.4	AXTELL - PAULINE 345KV CKT 1	Circle - Reno 345kV Dbl CKT	Build approximately 6 miles of double 345kV Circle - Reno
5	17WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	109.4	AXTELL - PAULINE 345KV CKT 1	Mullergren - Reno 345kV Dbl CKT MKEC	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	17WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	109.4	AXTELL - PAULINE 345KV CKT 1	Mullergren - Reno 345kV Dbl CKT WERE	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	17WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	109.4	AXTELL - PAULINE 345KV CKT 1	Spearville - Mullergren 345kV Dbl CKT	Build approximately 74 miles of double 345kV Spearville - Mullergren
5	17WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	108.2	CHERRYC3 345.00 - GERALD GENTLEMAN STATION 345KV CKT 1	Cherry Co - Gentleman 345 kV Ckt1	Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles).
5	17WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	108.2	CHERRYC3 345.00 - GERALD GENTLEMAN STATION 345KV CKT 1	Cherry Co - Holt Co 345 kV Ckt1	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation. (Estimated 146 miles).
5	17WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	108.2	CHERRYC3 345.00 - GERALD GENTLEMAN STATION 345KV CKT 1	Cherry Co 345 kV Terminal Upgrades	Build new Cherry County 345 kV Substation.
5	17WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	108.2	CHERRYC3 345.00 - GERALD GENTLEMAN STATION 345KV CKT 1	Circle - Reno 345kV Dbl CKT	Build approximately 6 miles of double 345kV Circle - Reno
5	17WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	108.2	CHERRYC3 345.00 - GERALD GENTLEMAN STATION 345KV CKT 1	Mullergren - Reno 345kV Dbl CKT MKEC	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	17WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	108.2	CHERRYC3 345.00 - GERALD GENTLEMAN STATION 345KV CKT 1	Mullergren - Reno 345kV Dbl CKT WERE	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	17WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	108.2	CHERRYC3 345.00 - GERALD GENTLEMAN STATION 345KV CKT 1	Spearville - Mullergren 345kV Dbl CKT	Build approximately 74 miles of double 345kV Spearville - Mullergren
5	17WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	108.2	CHERRYC3 345.00 - HOLT.CO3 345.00 345KV CKT 1	Cherry Co - Gentleman 345 kV Ckt1	Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles).
5	17WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	108.2	CHERRYC3 345.00 - HOLT.CO3 345.00 345KV CKT 1	Cherry Co - Holt Co 345 kV Ckt1	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation. (Estimated 146 miles).
5	17WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	108.2	CHERRYC3 345.00 - HOLT.CO3 345.00 345KV CKT 1	Cherry Co 345 kV Terminal Upgrades	Build new Cherry County 345 kV Substation.
5	17WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	108.2	CHERRYC3 345.00 - HOLT.CO3 345.00 345KV CKT 1	Circle - Reno 345kV Dbl CKT	Build approximately 6 miles of double 345kV Circle - Reno
5	17WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	108.2	CHERRYC3 345.00 - HOLT.CO3 345.00 345KV CKT 1	Mullergren - Reno 345kV Dbl CKT MKEC	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	17WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	108.2	CHERRYC3 345.00 - HOLT.CO3 345.00 345KV CKT 1	Mullergren - Reno 345kV Dbl CKT WERE	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	17WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	108.2	CHERRYC3 345.00 - HOLT.CO3 345.00 345KV CKT 1	Spearville - Mullergren 345kV Dbl CKT	Build approximately 74 miles of double 345kV Spearville - Mullergren
5	22SP	GRDA	GRDA	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1	114.9	CHAMBER SPRINGS - CLARKSVILLE 345KV CKT 1	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1 Accelerate	Replace Terminal Equipment
5	17SP	KCPL	KCPL	GREENWOOD - LENEXA NORTH 161KV CKT 1	101.0	CEDAR CREEK - GREENWOOD 161KV CKT 1	GREENWOOD - LENEXA NORTH 161KV CKT 1	Rebuild 3.89 miles
5	22SP	KCPL	KCPL	GREENWOOD - LENEXA NORTH 161KV CKT 1	101.1	CEDAR CREEK - GREENWOOD 161KV CKT 1	GREENWOOD - LENEXA NORTH 161KV CKT 1	Rebuild 3.89 miles
5	22SP	KCPL	KCPL	GREENWOOD - LENEXA NORTH 161KV CKT 1	100.7	CRAIG - PFLUMM 161KV CKT 1	GREENWOOD - LENEXA NORTH 161KV CKT 1	Rebuild 3.89 miles
5	13WP			GRIS_LNC	118.9	BASE CASE	HOLT - NELIGH 345KV CKT 1	Build new 16 miles 345 kV Holt - Neligh and associated terminal equipment
5	13WP			GRIS_LNC	118.9	BASE CASE	Cherry Co - Gentleman 345 kV Ckt1	Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles).
5	13WP			GRIS_LNC	118.9	BASE CASE	Cherry Co - Holt Co 345 kV Ckt1	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation. (Estimated 146 miles).
5	13WP			GRIS_LNC	118.9	BASE CASE	Cherry Co 345 kV Terminal Upgrades	Build new Cherry County 345 kV Substation.
5	13WP			GRIS_LNC	118.9	BASE CASE	Neligh - Hoskins 345 kV Ckt1	Build a new 50 mile 345 kV line from Hoskins to Neligh
5	13WP			GRIS_LNC	118.9	BASE CASE	Neligh 345/115 kV Transformer	Construct new substation at Neligh. Install a new 345/115 kV transformer at Neligh.
5	17WP			GRIS_LNC	112.6	BASE CASE	HOLT - NELIGH 345KV CKT 1	Build new 16 miles 345 kV Holt - Neligh and associated terminal equipment
5	17WP			GRIS_LNC	112.6	BASE CASE	Cherry Co - Gentleman 345 kV Ckt1	Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles).
5	17WP			GRIS_LNC	112.6	BASE CASE	Cherry Co - Holt Co 345 kV Ckt1	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation. (Estimated 146 miles).
5	17WP			GRIS_LNC	112.6	BASE CASE	Cherry Co 345 kV Terminal Upgrades	Build new Cherry County 345 kV Substation.
5	17WP			GRIS_LNC	112.6	BASE CASE	Neligh - Hoskins 345 kV Ckt1	Build a new 50 mile 345 kV line from Hoskins to Neligh
5	17WP			GRIS_LNC	112.6	BASE CASE	Neligh 345/115 kV Transformer	Construct new substation at Neligh. Install a new 345/115 kV transformer at Neligh.
5	13WP	MIDW	MIDW	HAYS PLANT - SOUTH HAYS 115KV CKT 1	175.1	KNOLL 230 - POSTROCK6 230.00 230KV CKT 1	Priority Projects	
5	13WP	MIDW	MIDW	HAYS PLANT - VINE STREET 115KV CKT 1	175.1	KNOLL 230 - POSTROCK6 230.00 230KV CKT 1	Priority Projects	
5	13WP	WERE	WERE	HOYT - HOYTJS 3 115.00 115KV CKT 1	102.1	HOYT - STRANGER CREEK 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	13WP	WERE	WERE	HOYT - HOYTJS 3 115.00 115KV CKT 1	102.1	HOYT - STRANGER CREEK 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	13WP	WERE	WERE	HOYT - HOYTJS 3 115.00 115KV CKT 1	102.1	HOYT - STRANGER CREEK 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	13WP	WERE	WERE	HOYT - HOYTJS 3 115.00 115KV CKT 1	102.1	HOYT - STRANGER CREEK 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	13WP	WERE	WERE	HOYT - HOYTJS 3 115.00 115KV CKT 1	102.1	HOYT - STRANGER CREEK 345KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	13WP	WERE	WERE	HOYT - HOYTJS 3 115.00 115KV CKT 1	102.1	HOYT - STRANGER CREEK 345KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	13WP	WERE	WERE	HOYT - HOYTJS 3 115.00 115KV CKT 1	102.1	HOYT - STRANGER CREEK 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	13WP	WERE	WERE	HOYT - HOYTJS 3 115.00 115KV CKT 1	102.1	HOYT - STRANGER CREEK 345KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	13WP	WERE	WERE	HOYT - HOYTJS 3 115.00 115KV CKT 1	102.1	HOYT - STRANGER CREEK 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	13WP	WERE	WERE	HOYT - HOYTJS 3 115.00 115KV CKT 1	102.1	HOYT - STRANGER CREEK 345KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	17SP	WERE	WERE	HOYT - HOYTJS 3 115.00 115KV CKT 1	114.0	HOYT - STRANGER CREEK 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - HOYTJS 3 115.00 115KV CKT 1	114.0	HOYT - STRANGER CREEK 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	17SP	WERE	WERE	HOYT - HOYTJS 3 115.00 115KV CKT 1	114.0	HOYT - STRANGER CREEK 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation

5	17SP	WERE	WERE	HOYT - HOYTJS 3 115.00 115KV CKT 1	114.0	HOYT - STRANGER CREEK 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - HOYTJS 3 115.00 115KV CKT 1	114.0	HOYT - STRANGER CREEK 345KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	17SP	WERE	WERE	HOYT - HOYTJS 3 115.00 115KV CKT 1	114.0	HOYT - STRANGER CREEK 345KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	17SP	WERE	WERE	HOYT - HOYTJS 3 115.00 115KV CKT 1	114.0	HOYT - STRANGER CREEK 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - HOYTJS 3 115.00 115KV CKT 1	114.0	HOYT - STRANGER CREEK 345KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - HOYTJS 3 115.00 115KV CKT 1	114.0	HOYT - STRANGER CREEK 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	17SP	WERE	WERE	HOYT - HOYTJS 3 115.00 115KV CKT 1	114.0	HOYT - STRANGER CREEK 345KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	22SP	WERE	WERE	HOYT - HOYTJS 3 115.00 115KV CKT 1	114.4	HOYT - STRANGER CREEK 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	22SP	WERE	WERE	HOYT - HOYTJS 3 115.00 115KV CKT 1	114.4	HOYT - STRANGER CREEK 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	22SP	WERE	WERE	HOYT - HOYTJS 3 115.00 115KV CKT 1	114.4	HOYT - STRANGER CREEK 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	22SP	WERE	WERE	HOYT - HOYTJS 3 115.00 115KV CKT 1	114.4	HOYT - STRANGER CREEK 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	22SP	WERE	WERE	HOYT - HOYTJS 3 115.00 115KV CKT 1	114.4	HOYT - STRANGER CREEK 345KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	22SP	WERE	WERE	HOYT - HOYTJS 3 115.00 115KV CKT 1	114.4	HOYT - STRANGER CREEK 345KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	22SP	WERE	WERE	HOYT - HOYTJS 3 115.00 115KV CKT 1	114.4	HOYT - STRANGER CREEK 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	HOYT - HOYTJS 3 115.00 115KV CKT 1	114.4	HOYT - STRANGER CREEK 345KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	HOYT - HOYTJS 3 115.00 115KV CKT 1	114.4	HOYT - STRANGER CREEK 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	22SP	WERE	WERE	HOYT - HOYTJS 3 115.00 115KV CKT 1	114.4	HOYT - STRANGER CREEK 345KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	13WP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	102.6	SWISSVALE - WEST GARDNER 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	13WP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	102.6	SWISSVALE - WEST GARDNER 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	13WP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	102.6	SWISSVALE - WEST GARDNER 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	13WP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	102.6	SWISSVALE - WEST GARDNER 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	13WP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	102.6	SWISSVALE - WEST GARDNER 345KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	13WP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	102.6	SWISSVALE - WEST GARDNER 345KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	13WP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	102.6	SWISSVALE - WEST GARDNER 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	13WP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	102.6	SWISSVALE - WEST GARDNER 345KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	13WP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	102.6	SWISSVALE - WEST GARDNER 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	13WP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	102.6	SWISSVALE - WEST GARDNER 345KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	124.1	AUBURN ROAD - JEFFREY ENERGY CENTER 230KV CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	124.1	AUBURN ROAD - JEFFREY ENERGY CENTER 230KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	124.1	AUBURN ROAD - JEFFREY ENERGY CENTER 230KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	124.1	AUBURN ROAD - JEFFREY ENERGY CENTER 230KV CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	124.1	AUBURN ROAD - JEFFREY ENERGY CENTER 230KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	124.1	AUBURN ROAD - JEFFREY ENERGY CENTER 230KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	124.1	AUBURN ROAD - JEFFREY ENERGY CENTER 230KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	124.1	AUBURN ROAD - JEFFREY ENERGY CENTER 230KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	124.1	AUBURN ROAD - JEFFREY ENERGY CENTER 230KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	124.1	AUBURN ROAD - JEFFREY ENERGY CENTER 230KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	122.9	SWISSVALE - WEST GARDNER 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	122.9	SWISSVALE - WEST GARDNER 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	122.9	SWISSVALE - WEST GARDNER 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	122.9	SWISSVALE - WEST GARDNER 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	122.9	SWISSVALE - WEST GARDNER 345KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	122.9	SWISSVALE - WEST GARDNER 345KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	122.9	SWISSVALE - WEST GARDNER 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	122.9	SWISSVALE - WEST GARDNER 345KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	122.9	SWISSVALE - WEST GARDNER 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	122.9	SWISSVALE - WEST GARDNER 345KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	121.5	JEFFREY ENERGY CENTER - MORRIS COUNTY 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV

5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	121.5	JEFFREY ENERGY CENTER - MORRIS COUNTY 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	121.5	JEFFREY ENERGY CENTER - MORRIS COUNTY 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	121.5	JEFFREY ENERGY CENTER - MORRIS COUNTY 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	121.5	JEFFREY ENERGY CENTER - MORRIS COUNTY 345KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	121.5	JEFFREY ENERGY CENTER - MORRIS COUNTY 345KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	121.5	JEFFREY ENERGY CENTER - MORRIS COUNTY 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	121.5	JEFFREY ENERGY CENTER - MORRIS COUNTY 345KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	121.5	JEFFREY ENERGY CENTER - MORRIS COUNTY 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	121.5	JEFFREY ENERGY CENTER - MORRIS COUNTY 345KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	114.2	LACYGNE - STILWELL 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	114.2	LACYGNE - STILWELL 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	114.2	LACYGNE - STILWELL 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	114.2	LACYGNE - STILWELL 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	114.2	LACYGNE - STILWELL 345KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	114.2	LACYGNE - STILWELL 345KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	114.2	LACYGNE - STILWELL 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	114.2	LACYGNE - STILWELL 345KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	114.2	LACYGNE - STILWELL 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	114.2	LACYGNE - STILWELL 345KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	113.7	EAST MANHATTAN - JEFFREY ENERGY CENTER 230KV CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	113.7	EAST MANHATTAN - JEFFREY ENERGY CENTER 230KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	113.7	EAST MANHATTAN - JEFFREY ENERGY CENTER 230KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	113.7	EAST MANHATTAN - JEFFREY ENERGY CENTER 230KV CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	113.7	EAST MANHATTAN - JEFFREY ENERGY CENTER 230KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	113.7	EAST MANHATTAN - JEFFREY ENERGY CENTER 230KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	113.7	EAST MANHATTAN - JEFFREY ENERGY CENTER 230KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	113.7	EAST MANHATTAN - JEFFREY ENERGY CENTER 230KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	113.7	EAST MANHATTAN - JEFFREY ENERGY CENTER 230KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	113.7	EAST MANHATTAN - JEFFREY ENERGY CENTER 230KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	112.8	AUBURN ROAD (AUBRN77X) 230/115/13.8KV TRANSFORMER CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	112.8	AUBURN ROAD (AUBRN77X) 230/115/13.8KV TRANSFORMER CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	112.8	AUBURN ROAD (AUBRN77X) 230/115/13.8KV TRANSFORMER CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	112.8	AUBURN ROAD (AUBRN77X) 230/115/13.8KV TRANSFORMER CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	112.8	AUBURN ROAD (AUBRN77X) 230/115/13.8KV TRANSFORMER CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	112.8	AUBURN ROAD (AUBRN77X) 230/115/13.8KV TRANSFORMER CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	112.8	AUBURN ROAD (AUBRN77X) 230/115/13.8KV TRANSFORMER CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	112.8	AUBURN ROAD (AUBRN77X) 230/115/13.8KV TRANSFORMER CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	112.8	AUBURN ROAD (AUBRN77X) 230/115/13.8KV TRANSFORMER CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	112.8	AUBURN ROAD (AUBRN77X) 230/115/13.8KV TRANSFORMER CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	111.1	JEFFREY ENERGY CENTER - SUMMIT 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	111.1	JEFFREY ENERGY CENTER - SUMMIT 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	111.1	JEFFREY ENERGY CENTER - SUMMIT 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	111.1	JEFFREY ENERGY CENTER - SUMMIT 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	111.1	JEFFREY ENERGY CENTER - SUMMIT 345KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	111.1	JEFFREY ENERGY CENTER - SUMMIT 345KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa

5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	111.1	JEFFREY ENERGY CENTER - SUMMIT 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	111.1	JEFFREY ENERGY CENTER - SUMMIT 345KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	111.1	JEFFREY ENERGY CENTER - SUMMIT 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	111.1	JEFFREY ENERGY CENTER - SUMMIT 345KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	110.2	LACYGNE - WEST GARDNER 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	110.2	LACYGNE - WEST GARDNER 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	110.2	LACYGNE - WEST GARDNER 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	110.2	LACYGNE - WEST GARDNER 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	110.2	LACYGNE - WEST GARDNER 345KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	110.2	LACYGNE - WEST GARDNER 345KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	110.2	LACYGNE - WEST GARDNER 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	110.2	LACYGNE - WEST GARDNER 345KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	110.2	LACYGNE - WEST GARDNER 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	110.2	LACYGNE - WEST GARDNER 345KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.7	SPP-MIPU-05	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.7	SPP-MIPU-05	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.7	SPP-MIPU-05	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.7	SPP-MIPU-05	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.7	SPP-MIPU-05	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.7	SPP-MIPU-05	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.7	SPP-MIPU-05	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.7	SPP-MIPU-05	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.7	SPP-MIPU-05	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.7	SPP-MIPU-05	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.2	EAST MANHATTAN (EMANHT3X) 230/115/18.0KV TRANSFORMER CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.2	EAST MANHATTAN (EMANHT3X) 230/115/18.0KV TRANSFORMER CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.2	EAST MANHATTAN (EMANHT3X) 230/115/18.0KV TRANSFORMER CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.2	EAST MANHATTAN (EMANHT3X) 230/115/18.0KV TRANSFORMER CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.2	EAST MANHATTAN (EMANHT3X) 230/115/18.0KV TRANSFORMER CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.2	EAST MANHATTAN (EMANHT3X) 230/115/18.0KV TRANSFORMER CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.2	EAST MANHATTAN (EMANHT3X) 230/115/18.0KV TRANSFORMER CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.2	EAST MANHATTAN (EMANHT3X) 230/115/18.0KV TRANSFORMER CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.2	EAST MANHATTAN (EMANHT3X) 230/115/18.0KV TRANSFORMER CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.2	EAST MANHATTAN (EMANHT3X) 230/115/18.0KV TRANSFORMER CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.2	SPP-WERE-48	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.2	SPP-WERE-48	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.2	SPP-WERE-48	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.2	SPP-WERE-48	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.2	SPP-WERE-48	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.2	SPP-WERE-48	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.2	SPP-WERE-48	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.2	SPP-WERE-48	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.2	SPP-WERE-48	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.2	SPP-WERE-48	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.1	SPP-WERE-70B	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.1	SPP-WERE-70B	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.1	SPP-WERE-70B	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.1	SPP-WERE-70B	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.1	SPP-WERE-70B	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.1	SPP-WERE-70B	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.1	SPP-WERE-70B	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.1	SPP-WERE-70B	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.1	SPP-WERE-70B	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.1	SPP-WERE-70B	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer

5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.0	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.0	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.0	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.0	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.0	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.0	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.0	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.0	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.0	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.0	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.0	AUBURN ROAD - SHERWOD 115KV CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.0	AUBURN ROAD - SHERWOD 115KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.0	AUBURN ROAD - SHERWOD 115KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.0	AUBURN ROAD - SHERWOD 115KV CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.0	AUBURN ROAD - SHERWOD 115KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.0	AUBURN ROAD - SHERWOD 115KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.0	AUBURN ROAD - SHERWOD 115KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.0	AUBURN ROAD - SHERWOD 115KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.0	AUBURN ROAD - SHERWOD 115KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.0	AUBURN ROAD - SHERWOD 115KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8	AUBURN ROAD - INDIAN HILLS 115KV CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8	AUBURN ROAD - INDIAN HILLS 115KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8	AUBURN ROAD - INDIAN HILLS 115KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8	AUBURN ROAD - INDIAN HILLS 115KV CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8	AUBURN ROAD - INDIAN HILLS 115KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8	AUBURN ROAD - INDIAN HILLS 115KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8	AUBURN ROAD - INDIAN HILLS 115KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8	AUBURN ROAD - INDIAN HILLS 115KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8	AUBURN ROAD - INDIAN HILLS 115KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8	AUBURN ROAD - INDIAN HILLS 115KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8	LAWRENCE HILL - MIDLAND JUNCTION 230KV CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8	LAWRENCE HILL - MIDLAND JUNCTION 230KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8	LAWRENCE HILL - MIDLAND JUNCTION 230KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8	LAWRENCE HILL - MIDLAND JUNCTION 230KV CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8	LAWRENCE HILL - MIDLAND JUNCTION 230KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8	LAWRENCE HILL - MIDLAND JUNCTION 230KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8	LAWRENCE HILL - MIDLAND JUNCTION 230KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8	LAWRENCE HILL - MIDLAND JUNCTION 230KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV

5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8	LAWRENCE HILL - MIDLAND JUNCTION 230KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8	LAWRENCE HILL - MIDLAND JUNCTION 230KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8	MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV TRANSFORMER CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8	MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV TRANSFORMER CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8	MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV TRANSFORMER CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8	MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV TRANSFORMER CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8	MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV TRANSFORMER CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8	MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV TRANSFORMER CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8	MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV TRANSFORMER CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8	MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV TRANSFORMER CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8	MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV TRANSFORMER CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8	MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV TRANSFORMER CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8	SUMMIT (SUMMIT1X) 345/230/14.4KV TRANSFORMER CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8	SUMMIT (SUMMIT1X) 345/230/14.4KV TRANSFORMER CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8	SUMMIT (SUMMIT1X) 345/230/14.4KV TRANSFORMER CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8	SUMMIT (SUMMIT1X) 345/230/14.4KV TRANSFORMER CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8	SUMMIT (SUMMIT1X) 345/230/14.4KV TRANSFORMER CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8	SUMMIT (SUMMIT1X) 345/230/14.4KV TRANSFORMER CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8	SUMMIT (SUMMIT1X) 345/230/14.4KV TRANSFORMER CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8	SUMMIT (SUMMIT1X) 345/230/14.4KV TRANSFORMER CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8	SUMMIT (SUMMIT1X) 345/230/14.4KV TRANSFORMER CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8	SUMMIT (SUMMIT1X) 345/230/14.4KV TRANSFORMER CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.3	COWSKIN (COWSKN1X) 138/69/13.2KV TRANSFORMER CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.3	COWSKIN (COWSKN1X) 138/69/13.2KV TRANSFORMER CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.3	COWSKIN (COWSKN1X) 138/69/13.2KV TRANSFORMER CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.3	COWSKIN (COWSKN1X) 138/69/13.2KV TRANSFORMER CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.3	COWSKIN (COWSKN1X) 138/69/13.2KV TRANSFORMER CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.3	COWSKIN (COWSKN1X) 138/69/13.2KV TRANSFORMER CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.3	COWSKIN (COWSKN1X) 138/69/13.2KV TRANSFORMER CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.3	COWSKIN (COWSKN1X) 138/69/13.2KV TRANSFORMER CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.3	COWSKIN (COWSKN1X) 138/69/13.2KV TRANSFORMER CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.3	COWSKIN (COWSKN1X) 138/69/13.2KV TRANSFORMER CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.3	MIDLAND JUNCTION - PENTAGON 115KV CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.3	MIDLAND JUNCTION - PENTAGON 115KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.3	MIDLAND JUNCTION - PENTAGON 115KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.3	MIDLAND JUNCTION - PENTAGON 115KV CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.3	MIDLAND JUNCTION - PENTAGON 115KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.3	MIDLAND JUNCTION - PENTAGON 115KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.3	MIDLAND JUNCTION - PENTAGON 115KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.3	MIDLAND JUNCTION - PENTAGON 115KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.3	MIDLAND JUNCTION - PENTAGON 115KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.3	MIDLAND JUNCTION - PENTAGON 115KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.2	EVANS ENERGY CENTER SOUTH - LAKERIDGE 138KV CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV

5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.2	EVANS ENERGY CENTER SOUTH - LAKERIDGE 138KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.2	EVANS ENERGY CENTER SOUTH - LAKERIDGE 138KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.2	EVANS ENERGY CENTER SOUTH - LAKERIDGE 138KV CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.2	EVANS ENERGY CENTER SOUTH - LAKERIDGE 138KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.2	EVANS ENERGY CENTER SOUTH - LAKERIDGE 138KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.2	EVANS ENERGY CENTER SOUTH - LAKERIDGE 138KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.2	EVANS ENERGY CENTER SOUTH - LAKERIDGE 138KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.2	EVANS ENERGY CENTER SOUTH - LAKERIDGE 138KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.2	EVANS ENERGY CENTER SOUTH - LAKERIDGE 138KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.2	EUDORA TOWNSHIP - WAKARUSA JUNCTION SWITCHING STATION 115KV CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.2	EUDORA TOWNSHIP - WAKARUSA JUNCTION SWITCHING STATION 115KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.2	EUDORA TOWNSHIP - WAKARUSA JUNCTION SWITCHING STATION 115KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.2	EUDORA TOWNSHIP - WAKARUSA JUNCTION SWITCHING STATION 115KV CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.2	EUDORA TOWNSHIP - WAKARUSA JUNCTION SWITCHING STATION 115KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.2	EUDORA TOWNSHIP - WAKARUSA JUNCTION SWITCHING STATION 115KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.2	EUDORA TOWNSHIP - WAKARUSA JUNCTION SWITCHING STATION 115KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.2	EUDORA TOWNSHIP - WAKARUSA JUNCTION SWITCHING STATION 115KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.2	EUDORA TOWNSHIP - WAKARUSA JUNCTION SWITCHING STATION 115KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.2	EUDORA TOWNSHIP - WAKARUSA JUNCTION SWITCHING STATION 115KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.1	ABILENE ENERGY CENTER 115/34.5KV TRANSFORMER CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.1	ABILENE ENERGY CENTER 115/34.5KV TRANSFORMER CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.1	ABILENE ENERGY CENTER 115/34.5KV TRANSFORMER CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.1	ABILENE ENERGY CENTER 115/34.5KV TRANSFORMER CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.1	ABILENE ENERGY CENTER 115/34.5KV TRANSFORMER CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.1	ABILENE ENERGY CENTER 115/34.5KV TRANSFORMER CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.1	ABILENE ENERGY CENTER 115/34.5KV TRANSFORMER CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.1	ABILENE ENERGY CENTER 115/34.5KV TRANSFORMER CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.1	ABILENE ENERGY CENTER 115/34.5KV TRANSFORMER CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.1	ABILENE ENERGY CENTER 115/34.5KV TRANSFORMER CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.8	BASE CASE	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.8	BASE CASE	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.8	BASE CASE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.8	BASE CASE	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.8	BASE CASE	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.8	BASE CASE	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.8	BASE CASE	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.8	BASE CASE	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.8	BASE CASE	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.8	BASE CASE	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.4	EVANS ENERGY CENTER NORTH - SEDGWICK COUNTY NO. 12 COLWICH 138KV CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.4	EVANS ENERGY CENTER NORTH - SEDGWICK COUNTY NO. 12 COLWICH 138KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme

5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.4	EVANS ENERGY CENTER NORTH - SEDGWICK COUNTY NO. 12 COLWICH 138KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.4	EVANS ENERGY CENTER NORTH - SEDGWICK COUNTY NO. 12 COLWICH 138KV CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.4	EVANS ENERGY CENTER NORTH - SEDGWICK COUNTY NO. 12 COLWICH 138KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.4	EVANS ENERGY CENTER NORTH - SEDGWICK COUNTY NO. 12 COLWICH 138KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.4	EVANS ENERGY CENTER NORTH - SEDGWICK COUNTY NO. 12 COLWICH 138KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.4	EVANS ENERGY CENTER NORTH - SEDGWICK COUNTY NO. 12 COLWICH 138KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.4	EVANS ENERGY CENTER NORTH - SEDGWICK COUNTY NO. 12 COLWICH 138KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.4	EVANS ENERGY CENTER NORTH - SEDGWICK COUNTY NO. 12 COLWICH 138KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.3	TECUMSEH ENERGY CENTER - TECUMSEH HILL 115KV CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.3	TECUMSEH ENERGY CENTER - TECUMSEH HILL 115KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.3	TECUMSEH ENERGY CENTER - TECUMSEH HILL 115KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.3	TECUMSEH ENERGY CENTER - TECUMSEH HILL 115KV CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.3	TECUMSEH ENERGY CENTER - TECUMSEH HILL 115KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.3	TECUMSEH ENERGY CENTER - TECUMSEH HILL 115KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.3	TECUMSEH ENERGY CENTER - TECUMSEH HILL 115KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.3	TECUMSEH ENERGY CENTER - TECUMSEH HILL 115KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.3	TECUMSEH ENERGY CENTER - TECUMSEH HILL 115KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.3	TECUMSEH ENERGY CENTER - TECUMSEH HILL 115KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.2	MCCREDIE - THOMAS HILL 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.2	MCCREDIE - THOMAS HILL 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.2	MCCREDIE - THOMAS HILL 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.2	MCCREDIE - THOMAS HILL 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.2	MCCREDIE - THOMAS HILL 345KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.2	MCCREDIE - THOMAS HILL 345KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.2	MCCREDIE - THOMAS HILL 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.2	MCCREDIE - THOMAS HILL 345KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.2	MCCREDIE - THOMAS HILL 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.2	MCCREDIE - THOMAS HILL 345KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.1	STRANGER CREEK (STRANGER 1X) 345/115/14.4KV TRANSFORMER CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.1	STRANGER CREEK (STRANGER 1X) 345/115/14.4KV TRANSFORMER CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.1	STRANGER CREEK (STRANGER 1X) 345/115/14.4KV TRANSFORMER CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.1	STRANGER CREEK (STRANGER 1X) 345/115/14.4KV TRANSFORMER CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.1	STRANGER CREEK (STRANGER 1X) 345/115/14.4KV TRANSFORMER CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.1	STRANGER CREEK (STRANGER 1X) 345/115/14.4KV TRANSFORMER CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.1	STRANGER CREEK (STRANGER 1X) 345/115/14.4KV TRANSFORMER CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.1	STRANGER CREEK (STRANGER 1X) 345/115/14.4KV TRANSFORMER CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.1	STRANGER CREEK (STRANGER 1X) 345/115/14.4KV TRANSFORMER CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.1	STRANGER CREEK (STRANGER 1X) 345/115/14.4KV TRANSFORMER CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.6	BENTON - WOLF CREEK 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.6	BENTON - WOLF CREEK 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.6	BENTON - WOLF CREEK 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.6	BENTON - WOLF CREEK 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.6	BENTON - WOLF CREEK 345KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.6	BENTON - WOLF CREEK 345KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.6	BENTON - WOLF CREEK 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV

5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.6	BENTON - WOLF CREEK 345KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.6	BENTON - WOLF CREEK 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.6	BENTON - WOLF CREEK 345KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.5	ROSE HILL - WOLF CREEK 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.5	ROSE HILL - WOLF CREEK 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.5	ROSE HILL - WOLF CREEK 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.5	ROSE HILL - WOLF CREEK 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.5	ROSE HILL - WOLF CREEK 345KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.5	ROSE HILL - WOLF CREEK 345KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.5	ROSE HILL - WOLF CREEK 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.5	ROSE HILL - WOLF CREEK 345KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.5	ROSE HILL - WOLF CREEK 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.5	ROSE HILL - WOLF CREEK 345KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	105.8	LACYGNE - NEOSHO 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	105.8	LACYGNE - NEOSHO 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	105.8	LACYGNE - NEOSHO 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	105.8	LACYGNE - NEOSHO 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	105.8	LACYGNE - NEOSHO 345KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	105.8	LACYGNE - NEOSHO 345KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	105.8	LACYGNE - NEOSHO 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	105.8	LACYGNE - NEOSHO 345KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	105.8	LACYGNE - NEOSHO 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	105.8	LACYGNE - NEOSHO 345KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	122.8	AUBURN ROAD - JEFFREY ENERGY CENTER 230KV CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	122.8	AUBURN ROAD - JEFFREY ENERGY CENTER 230KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	122.8	AUBURN ROAD - JEFFREY ENERGY CENTER 230KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	122.8	AUBURN ROAD - JEFFREY ENERGY CENTER 230KV CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	122.8	AUBURN ROAD - JEFFREY ENERGY CENTER 230KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	122.8	AUBURN ROAD - JEFFREY ENERGY CENTER 230KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	122.8	AUBURN ROAD - JEFFREY ENERGY CENTER 230KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	122.8	AUBURN ROAD - JEFFREY ENERGY CENTER 230KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	122.8	AUBURN ROAD - JEFFREY ENERGY CENTER 230KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	122.8	AUBURN ROAD - JEFFREY ENERGY CENTER 230KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	122.0	SWISSVALE - WEST GARDNER 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	122.0	SWISSVALE - WEST GARDNER 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	122.0	SWISSVALE - WEST GARDNER 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	122.0	SWISSVALE - WEST GARDNER 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	122.0	SWISSVALE - WEST GARDNER 345KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	122.0	SWISSVALE - WEST GARDNER 345KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	122.0	SWISSVALE - WEST GARDNER 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	122.0	SWISSVALE - WEST GARDNER 345KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	122.0	SWISSVALE - WEST GARDNER 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	122.0	SWISSVALE - WEST GARDNER 345KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	120.2	EMPORIA ENERGY CENTER - SWISSVALE 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	120.2	EMPORIA ENERGY CENTER - SWISSVALE 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	120.2	EMPORIA ENERGY CENTER - SWISSVALE 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	120.2	EMPORIA ENERGY CENTER - SWISSVALE 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	120.2	EMPORIA ENERGY CENTER - SWISSVALE 345KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	120.2	EMPORIA ENERGY CENTER - SWISSVALE 345KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa

5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	120.2	EMPORIA ENERGY CENTER - SWISSVALE 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	120.2	EMPORIA ENERGY CENTER - SWISSVALE 345KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	120.2	EMPORIA ENERGY CENTER - SWISSVALE 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	120.2	EMPORIA ENERGY CENTER - SWISSVALE 345KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	114.0	LACYGNE - STILWELL 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	114.0	LACYGNE - STILWELL 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	114.0	LACYGNE - STILWELL 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	114.0	LACYGNE - STILWELL 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	114.0	LACYGNE - STILWELL 345KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	114.0	LACYGNE - STILWELL 345KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	114.0	LACYGNE - STILWELL 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	114.0	LACYGNE - STILWELL 345KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	114.0	LACYGNE - STILWELL 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	114.0	LACYGNE - STILWELL 345KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	112.8	EAST MANHATTAN - JEFFREY ENERGY CENTER 230KV CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	112.8	EAST MANHATTAN - JEFFREY ENERGY CENTER 230KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	112.8	EAST MANHATTAN - JEFFREY ENERGY CENTER 230KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	112.8	EAST MANHATTAN - JEFFREY ENERGY CENTER 230KV CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	112.8	EAST MANHATTAN - JEFFREY ENERGY CENTER 230KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	112.8	EAST MANHATTAN - JEFFREY ENERGY CENTER 230KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	112.8	EAST MANHATTAN - JEFFREY ENERGY CENTER 230KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	112.8	EAST MANHATTAN - JEFFREY ENERGY CENTER 230KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	112.8	EAST MANHATTAN - JEFFREY ENERGY CENTER 230KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	112.8	EAST MANHATTAN - JEFFREY ENERGY CENTER 230KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	112.0	AUBURN ROAD (AUBRN77X) 230/115/13.8KV TRANSFORMER CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	112.0	AUBURN ROAD (AUBRN77X) 230/115/13.8KV TRANSFORMER CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	112.0	AUBURN ROAD (AUBRN77X) 230/115/13.8KV TRANSFORMER CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	112.0	AUBURN ROAD (AUBRN77X) 230/115/13.8KV TRANSFORMER CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	112.0	AUBURN ROAD (AUBRN77X) 230/115/13.8KV TRANSFORMER CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	112.0	AUBURN ROAD (AUBRN77X) 230/115/13.8KV TRANSFORMER CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	112.0	AUBURN ROAD (AUBRN77X) 230/115/13.8KV TRANSFORMER CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	112.0	AUBURN ROAD (AUBRN77X) 230/115/13.8KV TRANSFORMER CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	112.0	AUBURN ROAD (AUBRN77X) 230/115/13.8KV TRANSFORMER CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	112.0	AUBURN ROAD (AUBRN77X) 230/115/13.8KV TRANSFORMER CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.5	LACYGNE - WEST GARDNER 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.5	LACYGNE - WEST GARDNER 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.5	LACYGNE - WEST GARDNER 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.5	LACYGNE - WEST GARDNER 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.5	LACYGNE - WEST GARDNER 345KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.5	LACYGNE - WEST GARDNER 345KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.5	LACYGNE - WEST GARDNER 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.5	LACYGNE - WEST GARDNER 345KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.5	LACYGNE - WEST GARDNER 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.5	LACYGNE - WEST GARDNER 345KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.1	KCPL-OPGD#07	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.1	KCPL-OPGD#07	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.1	KCPL-OPGD#07	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.1	KCPL-OPGD#07	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.1	KCPL-OPGD#07	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.1	KCPL-OPGD#07	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.1	KCPL-OPGD#07	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV

5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.1	KCPL-OPGD#07	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.1	KCPL-OPGD#07	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.1	KCPL-OPGD#07	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.1	KCPL-OPGD#02	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.1	KCPL-OPGD#02	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.1	KCPL-OPGD#02	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.1	KCPL-OPGD#02	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.1	KCPL-OPGD#02	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.1	KCPL-OPGD#02	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.1	KCPL-OPGD#02	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.1	KCPL-OPGD#02	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.1	KCPL-OPGD#02	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.1	KCPL-OPGD#02	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.9	AI03	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.9	AI03	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.9	AI03	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.9	AI03	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.9	AI03	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.9	AI03	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.9	AI03	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.9	AI03	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.9	AI03	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.9	AI03	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.3	EAST MANHATTAN (EMANHT3X) 230/115/18.0KV TRANSFORMER CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.3	EAST MANHATTAN (EMANHT3X) 230/115/18.0KV TRANSFORMER CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.3	EAST MANHATTAN (EMANHT3X) 230/115/18.0KV TRANSFORMER CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.3	EAST MANHATTAN (EMANHT3X) 230/115/18.0KV TRANSFORMER CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.3	EAST MANHATTAN (EMANHT3X) 230/115/18.0KV TRANSFORMER CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.3	EAST MANHATTAN (EMANHT3X) 230/115/18.0KV TRANSFORMER CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.3	EAST MANHATTAN (EMANHT3X) 230/115/18.0KV TRANSFORMER CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.3	EAST MANHATTAN (EMANHT3X) 230/115/18.0KV TRANSFORMER CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.3	EAST MANHATTAN (EMANHT3X) 230/115/18.0KV TRANSFORMER CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.3	EAST MANHATTAN (EMANHT3X) 230/115/18.0KV TRANSFORMER CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.2	FLINT CREEK - SILOAM SPRINGS TAP 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.2	FLINT CREEK - SILOAM SPRINGS TAP 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.2	FLINT CREEK - SILOAM SPRINGS TAP 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.2	FLINT CREEK - SILOAM SPRINGS TAP 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.2	FLINT CREEK - SILOAM SPRINGS TAP 345KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.2	FLINT CREEK - SILOAM SPRINGS TAP 345KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.2	FLINT CREEK - SILOAM SPRINGS TAP 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.2	FLINT CREEK - SILOAM SPRINGS TAP 345KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.2	FLINT CREEK - SILOAM SPRINGS TAP 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.2	FLINT CREEK - SILOAM SPRINGS TAP 345KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.1	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.1	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.1	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.1	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.1	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.1	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa

5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.1	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.1	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.1	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.1	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.9	AUBURN ROAD - SHERWOD 115KV CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.9	AUBURN ROAD - SHERWOD 115KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.9	AUBURN ROAD - SHERWOD 115KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.9	AUBURN ROAD - SHERWOD 115KV CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.9	AUBURN ROAD - SHERWOD 115KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.9	AUBURN ROAD - SHERWOD 115KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.9	AUBURN ROAD - SHERWOD 115KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.9	AUBURN ROAD - SHERWOD 115KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.9	AUBURN ROAD - SHERWOD 115KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.9	AUBURN ROAD - SHERWOD 115KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.8	SUMMIT (SUMMIT1X) 345/230/14.4KV TRANSFORMER CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.8	SUMMIT (SUMMIT1X) 345/230/14.4KV TRANSFORMER CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.8	SUMMIT (SUMMIT1X) 345/230/14.4KV TRANSFORMER CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.8	SUMMIT (SUMMIT1X) 345/230/14.4KV TRANSFORMER CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.8	SUMMIT (SUMMIT1X) 345/230/14.4KV TRANSFORMER CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.8	SUMMIT (SUMMIT1X) 345/230/14.4KV TRANSFORMER CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.8	SUMMIT (SUMMIT1X) 345/230/14.4KV TRANSFORMER CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.8	SUMMIT (SUMMIT1X) 345/230/14.4KV TRANSFORMER CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.8	SUMMIT (SUMMIT1X) 345/230/14.4KV TRANSFORMER CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.8	SUMMIT (SUMMIT1X) 345/230/14.4KV TRANSFORMER CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.7	AUBURN ROAD - INDIAN HILLS 115KV CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.7	AUBURN ROAD - INDIAN HILLS 115KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.7	AUBURN ROAD - INDIAN HILLS 115KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.7	AUBURN ROAD - INDIAN HILLS 115KV CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.7	AUBURN ROAD - INDIAN HILLS 115KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.7	AUBURN ROAD - INDIAN HILLS 115KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.7	AUBURN ROAD - INDIAN HILLS 115KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.7	AUBURN ROAD - INDIAN HILLS 115KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.7	AUBURN ROAD - INDIAN HILLS 115KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.7	AUBURN ROAD - INDIAN HILLS 115KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.7	LAWRENCE HILL - MIDLAND JUNCTION 230KV CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.7	LAWRENCE HILL - MIDLAND JUNCTION 230KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.7	LAWRENCE HILL - MIDLAND JUNCTION 230KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.7	LAWRENCE HILL - MIDLAND JUNCTION 230KV CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.7	LAWRENCE HILL - MIDLAND JUNCTION 230KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.7	LAWRENCE HILL - MIDLAND JUNCTION 230KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.7	LAWRENCE HILL - MIDLAND JUNCTION 230KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.7	LAWRENCE HILL - MIDLAND JUNCTION 230KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.7	LAWRENCE HILL - MIDLAND JUNCTION 230KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.7	LAWRENCE HILL - MIDLAND JUNCTION 230KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.7	MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV TRANSFORMER CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.7	MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV TRANSFORMER CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.7	MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV TRANSFORMER CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.7	MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV TRANSFORMER CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV

5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.7	MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV TRANSFORMER CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.7	MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV TRANSFORMER CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.7	MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV TRANSFORMER CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.7	MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV TRANSFORMER CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.7	MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV TRANSFORMER CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.7	MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV TRANSFORMER CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.2	COWSKIN (COWSKN1X) 138/69/13.2KV TRANSFORMER CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.2	COWSKIN (COWSKN1X) 138/69/13.2KV TRANSFORMER CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.2	COWSKIN (COWSKN1X) 138/69/13.2KV TRANSFORMER CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.2	COWSKIN (COWSKN1X) 138/69/13.2KV TRANSFORMER CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.2	COWSKIN (COWSKN1X) 138/69/13.2KV TRANSFORMER CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.2	COWSKIN (COWSKN1X) 138/69/13.2KV TRANSFORMER CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.2	COWSKIN (COWSKN1X) 138/69/13.2KV TRANSFORMER CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.2	COWSKIN (COWSKN1X) 138/69/13.2KV TRANSFORMER CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.2	COWSKIN (COWSKN1X) 138/69/13.2KV TRANSFORMER CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.2	COWSKIN (COWSKN1X) 138/69/13.2KV TRANSFORMER CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.2	MIDLAND JUNCTION - PENTAGON 115KV CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.2	MIDLAND JUNCTION - PENTAGON 115KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.2	MIDLAND JUNCTION - PENTAGON 115KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.2	MIDLAND JUNCTION - PENTAGON 115KV CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.2	MIDLAND JUNCTION - PENTAGON 115KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.2	MIDLAND JUNCTION - PENTAGON 115KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.2	MIDLAND JUNCTION - PENTAGON 115KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.2	MIDLAND JUNCTION - PENTAGON 115KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.2	MIDLAND JUNCTION - PENTAGON 115KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.2	MIDLAND JUNCTION - PENTAGON 115KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.1	EVANS ENERGY CENTER SOUTH - LAKERIDGE 138KV CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.1	EVANS ENERGY CENTER SOUTH - LAKERIDGE 138KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.1	EVANS ENERGY CENTER SOUTH - LAKERIDGE 138KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.1	EVANS ENERGY CENTER SOUTH - LAKERIDGE 138KV CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.1	EVANS ENERGY CENTER SOUTH - LAKERIDGE 138KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.1	EVANS ENERGY CENTER SOUTH - LAKERIDGE 138KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.1	EVANS ENERGY CENTER SOUTH - LAKERIDGE 138KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.1	EVANS ENERGY CENTER SOUTH - LAKERIDGE 138KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.1	EVANS ENERGY CENTER SOUTH - LAKERIDGE 138KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.1	EVANS ENERGY CENTER SOUTH - LAKERIDGE 138KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.0	EUDORA TOWNSHIP - WAKARUSA JUNCTION SWITCHING STATION 115KV CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.0	EUDORA TOWNSHIP - WAKARUSA JUNCTION SWITCHING STATION 115KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.0	EUDORA TOWNSHIP - WAKARUSA JUNCTION SWITCHING STATION 115KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.0	EUDORA TOWNSHIP - WAKARUSA JUNCTION SWITCHING STATION 115KV CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.0	EUDORA TOWNSHIP - WAKARUSA JUNCTION SWITCHING STATION 115KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate

5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.0	EUDORA TOWNSHIP - WAKARUSA JUNCTION SWITCHING STATION 115KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.0	EUDORA TOWNSHIP - WAKARUSA JUNCTION SWITCHING STATION 115KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.0	EUDORA TOWNSHIP - WAKARUSA JUNCTION SWITCHING STATION 115KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.0	EUDORA TOWNSHIP - WAKARUSA JUNCTION SWITCHING STATION 115KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.0	EUDORA TOWNSHIP - WAKARUSA JUNCTION SWITCHING STATION 115KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.9	ABILENE ENERGY CENTER 115/34.5KV TRANSFORMER CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.9	ABILENE ENERGY CENTER 115/34.5KV TRANSFORMER CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.9	ABILENE ENERGY CENTER 115/34.5KV TRANSFORMER CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.9	ABILENE ENERGY CENTER 115/34.5KV TRANSFORMER CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.9	ABILENE ENERGY CENTER 115/34.5KV TRANSFORMER CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.9	ABILENE ENERGY CENTER 115/34.5KV TRANSFORMER CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.9	ABILENE ENERGY CENTER 115/34.5KV TRANSFORMER CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.9	ABILENE ENERGY CENTER 115/34.5KV TRANSFORMER CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.9	ABILENE ENERGY CENTER 115/34.5KV TRANSFORMER CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.9	ABILENE ENERGY CENTER 115/34.5KV TRANSFORMER CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.6	BASE CASE	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.6	BASE CASE	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.6	BASE CASE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.6	BASE CASE	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.6	BASE CASE	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.6	BASE CASE	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.6	BASE CASE	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.6	BASE CASE	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.6	BASE CASE	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.6	BASE CASE	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	EVANS ENERGY CENTER NORTH - SEDGWICK COUNTY NO. 12 COLWICH 138KV CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	EVANS ENERGY CENTER NORTH - SEDGWICK COUNTY NO. 12 COLWICH 138KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	EVANS ENERGY CENTER NORTH - SEDGWICK COUNTY NO. 12 COLWICH 138KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	EVANS ENERGY CENTER NORTH - SEDGWICK COUNTY NO. 12 COLWICH 138KV CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	EVANS ENERGY CENTER NORTH - SEDGWICK COUNTY NO. 12 COLWICH 138KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	EVANS ENERGY CENTER NORTH - SEDGWICK COUNTY NO. 12 COLWICH 138KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	EVANS ENERGY CENTER NORTH - SEDGWICK COUNTY NO. 12 COLWICH 138KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	EVANS ENERGY CENTER NORTH - SEDGWICK COUNTY NO. 12 COLWICH 138KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	EVANS ENERGY CENTER NORTH - SEDGWICK COUNTY NO. 12 COLWICH 138KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	EVANS ENERGY CENTER NORTH - SEDGWICK COUNTY NO. 12 COLWICH 138KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	TECUMSEH ENERGY CENTER - TECUMSEH HILL 115KV CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	TECUMSEH ENERGY CENTER - TECUMSEH HILL 115KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	TECUMSEH ENERGY CENTER - TECUMSEH HILL 115KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	TECUMSEH ENERGY CENTER - TECUMSEH HILL 115KV CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	TECUMSEH ENERGY CENTER - TECUMSEH HILL 115KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate

5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	TECUMSEH ENERGY CENTER - TECUMSEH HILL 115KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	TECUMSEH ENERGY CENTER - TECUMSEH HILL 115KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	TECUMSEH ENERGY CENTER - TECUMSEH HILL 115KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	TECUMSEH ENERGY CENTER - TECUMSEH HILL 115KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	TECUMSEH ENERGY CENTER - TECUMSEH HILL 115KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	STRANGER CREEK (STRANGER 1X) 345/115/14.4KV TRANSFORMER CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	STRANGER CREEK (STRANGER 1X) 345/115/14.4KV TRANSFORMER CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	STRANGER CREEK (STRANGER 1X) 345/115/14.4KV TRANSFORMER CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	STRANGER CREEK (STRANGER 1X) 345/115/14.4KV TRANSFORMER CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	STRANGER CREEK (STRANGER 1X) 345/115/14.4KV TRANSFORMER CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	STRANGER CREEK (STRANGER 1X) 345/115/14.4KV TRANSFORMER CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	STRANGER CREEK (STRANGER 1X) 345/115/14.4KV TRANSFORMER CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	STRANGER CREEK (STRANGER 1X) 345/115/14.4KV TRANSFORMER CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	STRANGER CREEK (STRANGER 1X) 345/115/14.4KV TRANSFORMER CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	STRANGER CREEK (STRANGER 1X) 345/115/14.4KV TRANSFORMER CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	WEBRE - WELLS 500KV CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	WEBRE - WELLS 500KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	WEBRE - WELLS 500KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	WEBRE - WELLS 500KV CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	WEBRE - WELLS 500KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	WEBRE - WELLS 500KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	WEBRE - WELLS 500KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	WEBRE - WELLS 500KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	WEBRE - WELLS 500KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	WEBRE - WELLS 500KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	MCCREDIE - THOMAS HILL 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	MCCREDIE - THOMAS HILL 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	MCCREDIE - THOMAS HILL 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	MCCREDIE - THOMAS HILL 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	MCCREDIE - THOMAS HILL 345KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	MCCREDIE - THOMAS HILL 345KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	MCCREDIE - THOMAS HILL 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	MCCREDIE - THOMAS HILL 345KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	MCCREDIE - THOMAS HILL 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	MCCREDIE - THOMAS HILL 345KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	105.6	BENTON - WOLF CREEK 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	105.6	BENTON - WOLF CREEK 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	105.6	BENTON - WOLF CREEK 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	105.6	BENTON - WOLF CREEK 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	105.6	BENTON - WOLF CREEK 345KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	105.6	BENTON - WOLF CREEK 345KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	105.6	BENTON - WOLF CREEK 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	105.6	BENTON - WOLF CREEK 345KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	105.6	BENTON - WOLF CREEK 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	105.6	BENTON - WOLF CREEK 345KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	105.5	ROSE HILL - WOLF CREEK 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	105.5	ROSE HILL - WOLF CREEK 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	105.5	ROSE HILL - WOLF CREEK 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	105.5	ROSE HILL - WOLF CREEK 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	105.5	ROSE HILL - WOLF CREEK 345KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	105.5	ROSE HILL - WOLF CREEK 345KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	105.5	ROSE HILL - WOLF CREEK 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	105.5	ROSE HILL - WOLF CREEK 345KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	105.5	ROSE HILL - WOLF CREEK 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer

5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	105.5	ROSE HILL - WOLF CREEK 345KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	104.7	LACYGNE - NEOSHO 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	104.7	LACYGNE - NEOSHO 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	104.7	LACYGNE - NEOSHO 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	104.7	LACYGNE - NEOSHO 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	104.7	LACYGNE - NEOSHO 345KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	104.7	LACYGNE - NEOSHO 345KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	104.7	LACYGNE - NEOSHO 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	104.7	LACYGNE - NEOSHO 345KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	104.7	LACYGNE - NEOSHO 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	104.7	LACYGNE - NEOSHO 345KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	13WP	MIDW	MIDW	KNOLL - N HAYS3 115.00 115KV CKT 1	145.6	KNOLL 230 - POSTROCK6 230.00 230KV CKT 1	Priority Projects	
5	17SP	WERE	WERE	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	112.1	MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV TRANSFORMER CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	17SP	WERE	WERE	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	112.1	MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV TRANSFORMER CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	17SP	WERE	WERE	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	112.1	MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV TRANSFORMER CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	17SP	WERE	WERE	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	112.1	MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV TRANSFORMER CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	17SP	WERE	WERE	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	112.1	MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV TRANSFORMER CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	17SP	WERE	WERE	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	112.1	MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV TRANSFORMER CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	17SP	WERE	WERE	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	112.1	MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV TRANSFORMER CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	112.1	MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV TRANSFORMER CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	112.1	MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV TRANSFORMER CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	17SP	WERE	WERE	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	112.1	MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV TRANSFORMER CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	17SP	WERE	WERE	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	112.1	LAWRENCE HILL - MIDLAND JUNCTION 230KV CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	17SP	WERE	WERE	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	112.1	LAWRENCE HILL - MIDLAND JUNCTION 230KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	17SP	WERE	WERE	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	112.1	LAWRENCE HILL - MIDLAND JUNCTION 230KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	17SP	WERE	WERE	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	112.1	LAWRENCE HILL - MIDLAND JUNCTION 230KV CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	17SP	WERE	WERE	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	112.1	LAWRENCE HILL - MIDLAND JUNCTION 230KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	17SP	WERE	WERE	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	112.1	LAWRENCE HILL - MIDLAND JUNCTION 230KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	17SP	WERE	WERE	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	112.1	LAWRENCE HILL - MIDLAND JUNCTION 230KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	112.1	LAWRENCE HILL - MIDLAND JUNCTION 230KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	112.1	LAWRENCE HILL - MIDLAND JUNCTION 230KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	17SP	WERE	WERE	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	112.1	LAWRENCE HILL - MIDLAND JUNCTION 230KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	22SP	WERE	WERE	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	113.8	MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV TRANSFORMER CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	22SP	WERE	WERE	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	113.8	MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV TRANSFORMER CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	22SP	WERE	WERE	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	113.8	MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV TRANSFORMER CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	22SP	WERE	WERE	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	113.8	MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV TRANSFORMER CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	22SP	WERE	WERE	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	113.8	MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV TRANSFORMER CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	22SP	WERE	WERE	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	113.8	MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV TRANSFORMER CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	22SP	WERE	WERE	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	113.8	MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV TRANSFORMER CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	113.8	MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV TRANSFORMER CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	113.8	MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV TRANSFORMER CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	22SP	WERE	WERE	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	113.8	MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV TRANSFORMER CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	22SP	WERE	WERE	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	113.8	LAWRENCE HILL - MIDLAND JUNCTION 230KV CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	22SP	WERE	WERE	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	113.8	LAWRENCE HILL - MIDLAND JUNCTION 230KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	22SP	WERE	WERE	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	113.8	LAWRENCE HILL - MIDLAND JUNCTION 230KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation

5	22SP	WERE	WERE	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	113.8	LAWRENCE HILL - MIDLAND JUNCTION 230KV CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	22SP	WERE	WERE	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	113.8	LAWRENCE HILL - MIDLAND JUNCTION 230KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	22SP	WERE	WERE	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	113.8	LAWRENCE HILL - MIDLAND JUNCTION 230KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	22SP	WERE	WERE	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	113.8	LAWRENCE HILL - MIDLAND JUNCTION 230KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	113.8	LAWRENCE HILL - MIDLAND JUNCTION 230KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	113.8	LAWRENCE HILL - MIDLAND JUNCTION 230KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	22SP	WERE	WERE	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	113.8	LAWRENCE HILL - MIDLAND JUNCTION 230KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	22SP	WERE	WERE	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	100.5	SWISSVALE - WEST GARDNER 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	22SP	WERE	WERE	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	100.5	SWISSVALE - WEST GARDNER 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	22SP	WERE	WERE	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	100.5	SWISSVALE - WEST GARDNER 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	22SP	WERE	WERE	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	100.5	SWISSVALE - WEST GARDNER 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	22SP	WERE	WERE	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	100.5	SWISSVALE - WEST GARDNER 345KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	22SP	WERE	WERE	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	100.5	SWISSVALE - WEST GARDNER 345KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	22SP	WERE	WERE	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	100.5	SWISSVALE - WEST GARDNER 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	100.5	SWISSVALE - WEST GARDNER 345KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	100.5	SWISSVALE - WEST GARDNER 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	22SP	WERE	WERE	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	100.5	SWISSVALE - WEST GARDNER 345KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	22SP	KCPL	KCPL	LEEDS - WINCHESTER JUNCTION NORTH 161KV CKT 1	101.7	BLUE SPRINGS EAST - BLUE SPRINGS WEST 161KV CKT 1	LEEDS - WINCHESTER JUNCTION NORTH 161KV CKT 1	Replace Terminal Equipment
5	17SP	KCPL	KCPL	LONGVIEW - WESTERN ELECTRIC 161KV CKT 1	136.4	GREENWOOD ENERGY CENTER - LEES SUMMIT EAST 161KV CKT 1	LONGVIEW - WESTERN ELECTRIC 161KV CKT 1 #1	Replace 800 amp wavetrap with 1200 amp unit
5	17SP	KCPL	KCPL	LONGVIEW - WESTERN ELECTRIC 161KV CKT 1	136.4	GREENWOOD ENERGY CENTER - LEES SUMMIT EAST 161KV CKT 1	LONGVIEW - WESTERN ELECTRIC 161KV CKT 1 #2	Rebuild 3.6 miles
5	17SP	KCPL	KCPL	LONGVIEW - WESTERN ELECTRIC 161KV CKT 1	123.0	LEES SUMMIT EAST - PRAIRIE LEE 161KV CKT 1	LONGVIEW - WESTERN ELECTRIC 161KV CKT 1 #1	Replace 800 amp wavetrap with 1200 amp unit
5	17SP	KCPL	KCPL	LONGVIEW - WESTERN ELECTRIC 161KV CKT 1	123.0	LEES SUMMIT EAST - PRAIRIE LEE 161KV CKT 1	LONGVIEW - WESTERN ELECTRIC 161KV CKT 1 #2	Rebuild 3.6 miles
5	22SP	KCPL	KCPL	LONGVIEW - WESTERN ELECTRIC 161KV CKT 1	142.4	GREENWOOD ENERGY CENTER - LEES SUMMIT EAST 161KV CKT 1	LONGVIEW - WESTERN ELECTRIC 161KV CKT 1 #1	Replace 800 amp wavetrap with 1200 amp unit
5	22SP	KCPL	KCPL	LONGVIEW - WESTERN ELECTRIC 161KV CKT 1	142.4	GREENWOOD ENERGY CENTER - LEES SUMMIT EAST 161KV CKT 1	LONGVIEW - WESTERN ELECTRIC 161KV CKT 1 #2	Rebuild 3.6 miles
5	22SP	KCPL	KCPL	LONGVIEW - WESTERN ELECTRIC 161KV CKT 1	127.2	LEES SUMMIT EAST - PRAIRIE LEE 161KV CKT 1	LONGVIEW - WESTERN ELECTRIC 161KV CKT 1 #1	Replace 800 amp wavetrap with 1200 amp unit
5	22SP	KCPL	KCPL	LONGVIEW - WESTERN ELECTRIC 161KV CKT 1	127.2	LEES SUMMIT EAST - PRAIRIE LEE 161KV CKT 1	LONGVIEW - WESTERN ELECTRIC 161KV CKT 1 #2	Rebuild 3.6 miles
5	17SP	KCPL	KCPL	MARTIN CITY - SOUTHTOWN 161KV CKT 1	109.9	HICKMAN - STILWELL 161KV CKT 1	MARTIN CITY - SOUTHTOWN 161KV CKT 1	Replace terminal equipment at Martin City
5	17SP	KCPL	KCPL	MARTIN CITY - SOUTHTOWN 161KV CKT 1	105.4	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1	MARTIN CITY - SOUTHTOWN 161KV CKT 1	Replace terminal equipment at Martin City
5	22SP	KCPL	KCPL	MARTIN CITY - SOUTHTOWN 161KV CKT 1	108.7	HICKMAN - STILWELL 161KV CKT 1	MARTIN CITY - SOUTHTOWN 161KV CKT 1	Replace terminal equipment at Martin City
5	22SP	KCPL	KCPL	MARTIN CITY - SOUTHTOWN 161KV CKT 1	103.1	CRAIG - WEST GARDNER 345KV CKT 1	MARTIN CITY - SOUTHTOWN 161KV CKT 1	Replace terminal equipment at Martin City
5	17SP	WERE	WERE	MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV TRANSFORMER CKT 1	102.0	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	17SP	WERE	WERE	MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV TRANSFORMER CKT 1	102.0	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	17SP	WERE	WERE	MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV TRANSFORMER CKT 1	102.0	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	17SP	WERE	WERE	MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV TRANSFORMER CKT 1	102.0	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	17SP	WERE	WERE	MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV TRANSFORMER CKT 1	102.0	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	17SP	WERE	WERE	MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV TRANSFORMER CKT 1	102.0	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	17SP	WERE	WERE	MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV TRANSFORMER CKT 1	102.0	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV TRANSFORMER CKT 1	102.0	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV TRANSFORMER CKT 1	102.0	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	17SP	WERE	WERE	MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV TRANSFORMER CKT 1	102.0	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	22SP	WERE	WERE	MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV TRANSFORMER CKT 1	103.5	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	22SP	WERE	WERE	MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV TRANSFORMER CKT 1	103.5	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	22SP	WERE	WERE	MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV TRANSFORMER CKT 1	103.5	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	22SP	WERE	WERE	MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV TRANSFORMER CKT 1	103.5	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	22SP	WERE	WERE	MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV TRANSFORMER CKT 1	103.5	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	22SP	WERE	WERE	MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV TRANSFORMER CKT 1	103.5	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa

5	22SP	WERE	WERE	MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV TRANSFORMER CKT 1	103.5	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV TRANSFORMER CKT 1	103.5	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV TRANSFORMER CKT 1	103.5	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	22SP	WERE	WERE	MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV TRANSFORMER CKT 1	103.5	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	17SP	WERE	WERE	MOCKINGBIRD HILL SWITCHING STATION - STULL SWITCHING STATION 115KV CKT 1	107.5	HOYT - STRANGER CREEK 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	17SP	WERE	WERE	MOCKINGBIRD HILL SWITCHING STATION - STULL SWITCHING STATION 115KV CKT 1	107.5	HOYT - STRANGER CREEK 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	17SP	WERE	WERE	MOCKINGBIRD HILL SWITCHING STATION - STULL SWITCHING STATION 115KV CKT 1	107.5	HOYT - STRANGER CREEK 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	17SP	WERE	WERE	MOCKINGBIRD HILL SWITCHING STATION - STULL SWITCHING STATION 115KV CKT 1	107.5	HOYT - STRANGER CREEK 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	17SP	WERE	WERE	MOCKINGBIRD HILL SWITCHING STATION - STULL SWITCHING STATION 115KV CKT 1	107.5	HOYT - STRANGER CREEK 345KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	17SP	WERE	WERE	MOCKINGBIRD HILL SWITCHING STATION - STULL SWITCHING STATION 115KV CKT 1	107.5	HOYT - STRANGER CREEK 345KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	17SP	WERE	WERE	MOCKINGBIRD HILL SWITCHING STATION - STULL SWITCHING STATION 115KV CKT 1	107.5	HOYT - STRANGER CREEK 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	MOCKINGBIRD HILL SWITCHING STATION - STULL SWITCHING STATION 115KV CKT 1	107.5	HOYT - STRANGER CREEK 345KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	MOCKINGBIRD HILL SWITCHING STATION - STULL SWITCHING STATION 115KV CKT 1	107.5	HOYT - STRANGER CREEK 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	17SP	WERE	WERE	MOCKINGBIRD HILL SWITCHING STATION - STULL SWITCHING STATION 115KV CKT 1	107.5	HOYT - STRANGER CREEK 345KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	22SP	WERE	WERE	MOCKINGBIRD HILL SWITCHING STATION - STULL SWITCHING STATION 115KV CKT 1	106.5	HOYT - STRANGER CREEK 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	22SP	WERE	WERE	MOCKINGBIRD HILL SWITCHING STATION - STULL SWITCHING STATION 115KV CKT 1	106.5	HOYT - STRANGER CREEK 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	22SP	WERE	WERE	MOCKINGBIRD HILL SWITCHING STATION - STULL SWITCHING STATION 115KV CKT 1	106.5	HOYT - STRANGER CREEK 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	22SP	WERE	WERE	MOCKINGBIRD HILL SWITCHING STATION - STULL SWITCHING STATION 115KV CKT 1	106.5	HOYT - STRANGER CREEK 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	22SP	WERE	WERE	MOCKINGBIRD HILL SWITCHING STATION - STULL SWITCHING STATION 115KV CKT 1	106.5	HOYT - STRANGER CREEK 345KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	22SP	WERE	WERE	MOCKINGBIRD HILL SWITCHING STATION - STULL SWITCHING STATION 115KV CKT 1	106.5	HOYT - STRANGER CREEK 345KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	22SP	WERE	WERE	MOCKINGBIRD HILL SWITCHING STATION - STULL SWITCHING STATION 115KV CKT 1	106.5	HOYT - STRANGER CREEK 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	MOCKINGBIRD HILL SWITCHING STATION - STULL SWITCHING STATION 115KV CKT 1	106.5	HOYT - STRANGER CREEK 345KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	MOCKINGBIRD HILL SWITCHING STATION - STULL SWITCHING STATION 115KV CKT 1	106.5	HOYT - STRANGER CREEK 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	22SP	WERE	WERE	MOCKINGBIRD HILL SWITCHING STATION - STULL SWITCHING STATION 115KV CKT 1	106.5	HOYT - STRANGER CREEK 345KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	13WP	SUNC	SUNC	MULLERGREN - SPEARVILLE 230KV CKT 1	104.0	POST ROCK (POSTROCK T1) 345/230/13.8KV TRANSFORMER CKT 1	Priority Projects	
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	140.9	87th STREET - CRAIG 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	140.9	87th STREET - CRAIG 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	140.9	87th STREET - CRAIG 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	140.9	87th STREET - CRAIG 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	140.9	87th STREET - CRAIG 345KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	140.9	87th STREET - CRAIG 345KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	140.9	87th STREET - CRAIG 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	140.9	87th STREET - CRAIG 345KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	140.9	87th STREET - CRAIG 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	140.9	87th STREET - CRAIG 345KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	123.2	IATAN - ST JOE 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	123.2	IATAN - ST JOE 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	123.2	IATAN - ST JOE 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	123.2	IATAN - ST JOE 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	123.2	IATAN - ST JOE 345KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	123.2	IATAN - ST JOE 345KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	123.2	IATAN - ST JOE 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	123.2	IATAN - ST JOE 345KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	123.2	IATAN - ST JOE 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	123.2	IATAN - ST JOE 345KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	114.7	SWISSVALE - WEST GARDNER 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	114.7	SWISSVALE - WEST GARDNER 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	114.7	SWISSVALE - WEST GARDNER 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation

5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	114.7	SWISSVALE - WEST GARDNER 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	114.7	SWISSVALE - WEST GARDNER 345KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	114.7	SWISSVALE - WEST GARDNER 345KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	114.7	SWISSVALE - WEST GARDNER 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	114.7	SWISSVALE - WEST GARDNER 345KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	114.7	SWISSVALE - WEST GARDNER 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	114.7	SWISSVALE - WEST GARDNER 345KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	114.3	KCPL-OPGD#08	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	114.3	KCPL-OPGD#08	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	114.3	KCPL-OPGD#08	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	114.3	KCPL-OPGD#08	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	114.3	KCPL-OPGD#08	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	114.3	KCPL-OPGD#08	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	114.3	KCPL-OPGD#08	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	114.3	KCPL-OPGD#08	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	114.3	KCPL-OPGD#08	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	114.3	KCPL-OPGD#08	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	113.2	KCPL-OPGD#06	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	113.2	KCPL-OPGD#06	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	113.2	KCPL-OPGD#06	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	113.2	KCPL-OPGD#06	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	113.2	KCPL-OPGD#06	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	113.2	KCPL-OPGD#06	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	113.2	KCPL-OPGD#06	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	113.2	KCPL-OPGD#06	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	113.2	KCPL-OPGD#06	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	113.2	KCPL-OPGD#06	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	112.7	KCPL-OPGD#01	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	112.7	KCPL-OPGD#01	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	112.7	KCPL-OPGD#01	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	112.7	KCPL-OPGD#01	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	112.7	KCPL-OPGD#01	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	112.7	KCPL-OPGD#01	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	112.7	KCPL-OPGD#01	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	112.7	KCPL-OPGD#01	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	112.7	KCPL-OPGD#01	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	112.7	KCPL-OPGD#01	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	105.1	LACYGNE - STILWELL 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	105.1	LACYGNE - STILWELL 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	105.1	LACYGNE - STILWELL 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	105.1	LACYGNE - STILWELL 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	105.1	LACYGNE - STILWELL 345KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	105.1	LACYGNE - STILWELL 345KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	105.1	LACYGNE - STILWELL 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	105.1	LACYGNE - STILWELL 345KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	105.1	LACYGNE - STILWELL 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	105.1	LACYGNE - STILWELL 345KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	103.3	BASE CASE	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	103.3	BASE CASE	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	103.3	BASE CASE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	103.3	BASE CASE	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	103.3	BASE CASE	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	103.3	BASE CASE	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	103.3	BASE CASE	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	103.3	BASE CASE	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	103.3	BASE CASE	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	103.3	BASE CASE	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	101.7	HOYT - STRANGER CREEK 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV

5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	101.7	HOYT - STRANGER CREEK 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	101.7	HOYT - STRANGER CREEK 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	101.7	HOYT - STRANGER CREEK 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	101.7	HOYT - STRANGER CREEK 345KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	101.7	HOYT - STRANGER CREEK 345KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	101.7	HOYT - STRANGER CREEK 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	101.7	HOYT - STRANGER CREEK 345KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	101.7	HOYT - STRANGER CREEK 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	101.7	HOYT - STRANGER CREEK 345KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	17SP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	105.7	87th STREET - CRAIG 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	17SP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	105.7	87th STREET - CRAIG 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	17SP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	105.7	87th STREET - CRAIG 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	17SP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	105.7	87th STREET - CRAIG 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	17SP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	105.7	87th STREET - CRAIG 345KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	17SP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	105.7	87th STREET - CRAIG 345KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	17SP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	105.7	87th STREET - CRAIG 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	105.7	87th STREET - CRAIG 345KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	105.7	87th STREET - CRAIG 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	17SP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	105.7	87th STREET - CRAIG 345KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	17SP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	103.6	SWISSVALE - WEST GARDNER 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	17SP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	103.6	SWISSVALE - WEST GARDNER 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	17SP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	103.6	SWISSVALE - WEST GARDNER 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	17SP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	103.6	SWISSVALE - WEST GARDNER 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	17SP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	103.6	SWISSVALE - WEST GARDNER 345KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	17SP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	103.6	SWISSVALE - WEST GARDNER 345KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	17SP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	103.6	SWISSVALE - WEST GARDNER 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	103.6	SWISSVALE - WEST GARDNER 345KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	103.6	SWISSVALE - WEST GARDNER 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	17SP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	103.6	SWISSVALE - WEST GARDNER 345KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	17WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	101.6	87th STREET - CRAIG 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	17WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	101.6	87th STREET - CRAIG 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	17WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	101.6	87th STREET - CRAIG 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	17WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	101.6	87th STREET - CRAIG 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	17WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	101.6	87th STREET - CRAIG 345KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	17WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	101.6	87th STREET - CRAIG 345KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	17WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	101.6	87th STREET - CRAIG 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	17WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	101.6	87th STREET - CRAIG 345KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	17WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	101.6	87th STREET - CRAIG 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	17WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	101.6	87th STREET - CRAIG 345KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	22SP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	105.9	87th STREET - CRAIG 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	22SP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	105.9	87th STREET - CRAIG 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	22SP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	105.9	87th STREET - CRAIG 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	22SP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	105.9	87th STREET - CRAIG 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	22SP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	105.9	87th STREET - CRAIG 345KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	22SP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	105.9	87th STREET - CRAIG 345KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	22SP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	105.9	87th STREET - CRAIG 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	105.9	87th STREET - CRAIG 345KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	105.9	87th STREET - CRAIG 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	22SP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	105.9	87th STREET - CRAIG 345KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	22SP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	103.4	SWISSVALE - WEST GARDNER 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	22SP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	103.4	SWISSVALE - WEST GARDNER 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	22SP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	103.4	SWISSVALE - WEST GARDNER 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	22SP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	103.4	SWISSVALE - WEST GARDNER 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV

5	22SP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	103.4	SWISSVALE - WEST GARDNER 345KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	22SP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	103.4	SWISSVALE - WEST GARDNER 345KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	22SP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	103.4	SWISSVALE - WEST GARDNER 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	103.4	SWISSVALE - WEST GARDNER 345KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	103.4	SWISSVALE - WEST GARDNER 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	22SP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	103.4	SWISSVALE - WEST GARDNER 345KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	13WP	MIDW	MIDW	N HAYS3 115.00 - VINE STREET 115KV CKT 1	149.4	KNOLL 230 - POSTROCK6 230.00 230KV CKT 1	Priority Projects	
5	13WP	KCPL	KCPL	PECULIAR - PLEASANT HILL 345KV CKT 1	102.9	IATAN - ST JOE 345KV CKT 1	IATAN - NASHUA 345KV CKT 1	Tap Nashua 345kV bus in Hawthorn - St. Joseph 345 kV line. Build new 345 kV line from Iatan to Nashua,Add Nashua 345/161 kV
5	22SP	KCPL	KCPL	REDEL - STILWELL 161KV CKT 1	104.8	PECULIAR - STILWELL 345KV CKT 1	REDEL - STILWELL 161KV CKT 1	Reconductor line and upgrade terminal equipment for 2000 amps
5	13WP	MIDW	WERE	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1	145.0	GEN532652 1-JEFFREY ENERGY CENTER UNIT 2	Spearville - Mullergren 345kV Dbl CKT	Build approximately 74 miles of double 345kV Spearville - Mullergren
5	13WP	MIDW	WERE	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1	145.0	GEN532652 1-JEFFREY ENERGY CENTER UNIT 2	Mullergren - Reno 345kV Dbl CKT MKEC	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	13WP	MIDW	WERE	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1	145.0	GEN532652 1-JEFFREY ENERGY CENTER UNIT 2	Mullergren - Reno 345kV Dbl CKT WERE	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	13WP	MIDW	WERE	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1	144.5	GEN532651 1-JEFFREY ENERGY CENTER UNIT 1	Spearville - Mullergren 345kV Dbl CKT	Build approximately 74 miles of double 345kV Spearville - Mullergren
5	13WP	MIDW	WERE	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1	144.5	GEN532651 1-JEFFREY ENERGY CENTER UNIT 1	Mullergren - Reno 345kV Dbl CKT MKEC	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	13WP	MIDW	WERE	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1	144.5	GEN532651 1-JEFFREY ENERGY CENTER UNIT 1	Mullergren - Reno 345kV Dbl CKT WERE	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	13WP	MIDW	WERE	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1	142.1	SPP-MKEC-08	Spearville - Mullergren 345kV Dbl CKT	Build approximately 74 miles of double 345kV Spearville - Mullergren
5	13WP	MIDW	WERE	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1	142.1	SPP-MKEC-08	Mullergren - Reno 345kV Dbl CKT MKEC	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	13WP	MIDW	WERE	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1	142.1	SPP-MKEC-08	Mullergren - Reno 345kV Dbl CKT WERE	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	13WP	MIDW	WERE	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1	140.4	GREENSBURG - SUN CITY 115KV CKT 1	Spearville - Mullergren 345kV Dbl CKT	Build approximately 74 miles of double 345kV Spearville - Mullergren
5	13WP	MIDW	WERE	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1	140.4	GREENSBURG - SUN CITY 115KV CKT 1	Mullergren - Reno 345kV Dbl CKT MKEC	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	13WP	MIDW	WERE	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1	140.4	GREENSBURG - SUN CITY 115KV CKT 1	Mullergren - Reno 345kV Dbl CKT WERE	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	13WP	MIDW	WERE	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1	139.9	SPP-WERE-34	Spearville - Mullergren 345kV Dbl CKT	Build approximately 74 miles of double 345kV Spearville - Mullergren
5	13WP	MIDW	WERE	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1	139.9	SPP-WERE-34	Mullergren - Reno 345kV Dbl CKT MKEC	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	13WP	MIDW	WERE	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1	139.9	SPP-WERE-34	Mullergren - Reno 345kV Dbl CKT WERE	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	13WP	MIDW	WERE	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1	131.8	ROSE HILL - WOLF CREEK 345KV CKT 1	Spearville - Mullergren 345kV Dbl CKT	Build approximately 74 miles of double 345kV Spearville - Mullergren
5	13WP	MIDW	WERE	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1	131.8	ROSE HILL - WOLF CREEK 345KV CKT 1	Mullergren - Reno 345kV Dbl CKT MKEC	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	13WP	MIDW	WERE	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1	131.8	ROSE HILL - WOLF CREEK 345KV CKT 1	Mullergren - Reno 345kV Dbl CKT WERE	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	13WP	MIDW	WERE	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1	131.3	BASE CASE	Spearville - Mullergren 345kV Dbl CKT	Build approximately 74 miles of double 345kV Spearville - Mullergren
5	13WP	MIDW	WERE	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1	131.3	BASE CASE	Mullergren - Reno 345kV Dbl CKT MKEC	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	13WP	MIDW	WERE	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1	131.3	BASE CASE	Mullergren - Reno 345kV Dbl CKT WERE	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	13WP	MIDW	WERE	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1	127.2	SUMMIT (SUMMIT1X) 345/230/14.4KV TRANSFORMER CKT 1	Spearville - Mullergren 345kV Dbl CKT	Build approximately 74 miles of double 345kV Spearville - Mullergren
5	13WP	MIDW	WERE	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1	127.2	SUMMIT (SUMMIT1X) 345/230/14.4KV TRANSFORMER CKT 1	Mullergren - Reno 345kV Dbl CKT MKEC	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	13WP	MIDW	WERE	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1	127.2	SUMMIT (SUMMIT1X) 345/230/14.4KV TRANSFORMER CKT 1	Mullergren - Reno 345kV Dbl CKT WERE	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	13WP	MIDW	WERE	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1	123.3	HOYT - STRANGER CREEK 345KV CKT 1	Spearville - Mullergren 345kV Dbl CKT	Build approximately 74 miles of double 345kV Spearville - Mullergren
5	13WP	MIDW	WERE	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1	123.3	HOYT - STRANGER CREEK 345KV CKT 1	Mullergren - Reno 345kV Dbl CKT MKEC	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	13WP	MIDW	WERE	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1	123.3	HOYT - STRANGER CREEK 345KV CKT 1	Mullergren - Reno 345kV Dbl CKT WERE	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	17SP	MIDW	WERE	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1	114.3	AXTELL - POST ROCK 345KV CKT 1	Spearville - Mullergren 345kV Dbl CKT	Build approximately 74 miles of double 345kV Spearville - Mullergren
5	17SP	MIDW	WERE	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1	114.3	AXTELL - POST ROCK 345KV CKT 1	Mullergren - Reno 345kV Dbl CKT MKEC	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	17SP	MIDW	WERE	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1	114.3	AXTELL - POST ROCK 345KV CKT 1	Mullergren - Reno 345kV Dbl CKT WERE	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	17WP	MIDW	WERE	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1	117.4	AXTELL - POST ROCK 345KV CKT 1	Spearville - Mullergren 345kV Dbl CKT	Build approximately 74 miles of double 345kV Spearville - Mullergren
5	17WP	MIDW	WERE	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1	117.4	AXTELL - POST ROCK 345KV CKT 1	Mullergren - Reno 345kV Dbl CKT MKEC	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	17WP	MIDW	WERE	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1	117.4	AXTELL - POST ROCK 345KV CKT 1	Mullergren - Reno 345kV Dbl CKT WERE	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	17WP	MIDW	WERE	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1	103.4	CIRCLE - MULLERGREN 230KV CKT 1	Spearville - Mullergren 345kV Dbl CKT	Build approximately 74 miles of double 345kV Spearville - Mullergren
5	17WP	MIDW	WERE	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1	103.4	CIRCLE - MULLERGREN 230KV CKT 1	Mullergren - Reno 345kV Dbl CKT MKEC	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	17WP	MIDW	WERE	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1	103.4	CIRCLE - MULLERGREN 230KV CKT 1	Mullergren - Reno 345kV Dbl CKT WERE	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	17WP	MIDW	WERE	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1	103.2	FINNEY SWITCHING STATION - Hitchland Interchange 345KV CKT 1	Spearville - Mullergren 345kV Dbl CKT	Build approximately 74 miles of double 345kV Spearville - Mullergren
5	17WP	MIDW	WERE	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1	103.2	FINNEY SWITCHING STATION - Hitchland Interchange 345KV CKT 1	Mullergren - Reno 345kV Dbl CKT MKEC	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	17WP	MIDW	WERE	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1	103.2	FINNEY SWITCHING STATION - Hitchland Interchange 345KV CKT 1	Mullergren - Reno 345kV Dbl CKT WERE	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	22SP	MIDW	WERE	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1	111.5	AXTELL - POST ROCK 345KV CKT 1	Spearville - Mullergren 345kV Dbl CKT	Build approximately 74 miles of double 345kV Spearville - Mullergren
5	22SP	MIDW	WERE	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1	111.5	AXTELL - POST ROCK 345KV CKT 1	Mullergren - Reno 345kV Dbl CKT MKEC	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	22SP	MIDW	WERE	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1	111.5	AXTELL - POST ROCK 345KV CKT 1	Mullergren - Reno 345kV Dbl CKT WERE	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	13WP	KCPL	KCPL	SOUTH HARPER - STILWELL 161KV CKT 1	102.1	PECULIAR - STILWELL 345KV CKT 1	IATAN - NASHUA 345KV CKT 1	Tap Nashua 345kV bus in Hawthorn - St. Joseph 345 kV line. Build new 345 kV line from Iatan to Nashua,Add Nashua 345/161 kV
5	13WP	MIDW	MIDW	SOUTH HAYS (S HAYS T1) 230/115/12.47KV TRANSFORMER CKT 1	103.7	KNOLL 230 - POSTROCK6 230.00 230KV CKT 1	Priority Projects	
5	17SP	WERE	WERE	STULL SWITCHING STATION - TECUMSEH HILL 115KV CKT 1	113.3	HOYT - STRANGER CREEK 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	17SP	WERE	WERE	STULL SWITCHING STATION - TECUMSEH HILL 115KV CKT 1	113.3	HOYT - STRANGER CREEK 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	17SP	WERE	WERE	STULL SWITCHING STATION - TECUMSEH HILL 115KV CKT 1	113.3	HOYT - STRANGER CREEK 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	17SP	WERE	WERE	STULL SWITCHING STATION - TECUMSEH HILL 115KV CKT 1	113.3	HOYT - STRANGER CREEK 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	17SP	WERE	WERE	STULL SWITCHING STATION - TECUMSEH HILL 115KV CKT 1	113.3	HOYT - STRANGER CREEK 345KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	17SP	WERE	WERE	STULL SWITCHING STATION - TECUMSEH HILL 115KV CKT 1	113.3	HOYT - STRANGER CREEK 345KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	17SP	WERE	WERE	STULL SWITCHING STATION - TECUMSEH HILL 115KV CKT 1	113.3	HOYT - STRANGER CREEK 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	STULL SWITCHING STATION - TECUMSEH HILL 115KV CKT 1	113.3	HOYT - STRANGER CREEK 345KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	STULL SWITCHING STATION - TECUMSEH HILL 115KV CKT 1	113.3	HOYT - STRANGER CREEK 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer

5	17SP	WERE	WERE	STULL SWITCHING STATION - TECUMSEH HILL 115KV CKT 1	113.3	HOYT - STRANGER CREEK 345KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	22SP	WERE	WERE	STULL SWITCHING STATION - TECUMSEH HILL 115KV CKT 1	111.8	HOYT - STRANGER CREEK 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	22SP	WERE	WERE	STULL SWITCHING STATION - TECUMSEH HILL 115KV CKT 1	111.8	HOYT - STRANGER CREEK 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	22SP	WERE	WERE	STULL SWITCHING STATION - TECUMSEH HILL 115KV CKT 1	111.8	HOYT - STRANGER CREEK 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	22SP	WERE	WERE	STULL SWITCHING STATION - TECUMSEH HILL 115KV CKT 1	111.8	HOYT - STRANGER CREEK 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	22SP	WERE	WERE	STULL SWITCHING STATION - TECUMSEH HILL 115KV CKT 1	111.8	HOYT - STRANGER CREEK 345KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	22SP	WERE	WERE	STULL SWITCHING STATION - TECUMSEH HILL 115KV CKT 1	111.8	HOYT - STRANGER CREEK 345KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	22SP	WERE	WERE	STULL SWITCHING STATION - TECUMSEH HILL 115KV CKT 1	111.8	HOYT - STRANGER CREEK 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	STULL SWITCHING STATION - TECUMSEH HILL 115KV CKT 1	111.8	HOYT - STRANGER CREEK 345KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	STULL SWITCHING STATION - TECUMSEH HILL 115KV CKT 1	111.8	HOYT - STRANGER CREEK 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	22SP	WERE	WERE	STULL SWITCHING STATION - TECUMSEH HILL 115KV CKT 1	111.8	HOYT - STRANGER CREEK 345KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	17SP	WERE	KCPL	SWISSVALE - WEST GARDNER 345KV CKT 1	104.7	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	17SP	WERE	KCPL	SWISSVALE - WEST GARDNER 345KV CKT 1	104.7	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	17SP	WERE	KCPL	SWISSVALE - WEST GARDNER 345KV CKT 1	104.7	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	17SP	WERE	KCPL	SWISSVALE - WEST GARDNER 345KV CKT 1	104.7	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	17SP	WERE	KCPL	SWISSVALE - WEST GARDNER 345KV CKT 1	104.7	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	17SP	WERE	KCPL	SWISSVALE - WEST GARDNER 345KV CKT 1	104.7	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	17SP	WERE	KCPL	SWISSVALE - WEST GARDNER 345KV CKT 1	104.7	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	17SP	WERE	KCPL	SWISSVALE - WEST GARDNER 345KV CKT 1	104.7	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	17SP	WERE	KCPL	SWISSVALE - WEST GARDNER 345KV CKT 1	104.7	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	17SP	WERE	KCPL	SWISSVALE - WEST GARDNER 345KV CKT 1	104.7	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	17SP	WERE	KCPL	SWISSVALE - WEST GARDNER 345KV CKT 1	104.5	HOYT - STRANGER CREEK 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	17SP	WERE	KCPL	SWISSVALE - WEST GARDNER 345KV CKT 1	104.5	HOYT - STRANGER CREEK 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	17SP	WERE	KCPL	SWISSVALE - WEST GARDNER 345KV CKT 1	104.5	HOYT - STRANGER CREEK 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	(Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	17SP	WERE	KCPL	SWISSVALE - WEST GARDNER 345KV CKT 1	104.5	HOYT - STRANGER CREEK 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	17SP	WERE	KCPL	SWISSVALE - WEST GARDNER 345KV CKT 1	104.5	HOYT - STRANGER CREEK 345KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	17SP	WERE	KCPL	SWISSVALE - WEST GARDNER 345KV CKT 1	104.5	HOYT - STRANGER CREEK 345KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	17SP	WERE	KCPL	SWISSVALE - WEST GARDNER 345KV CKT 1	104.5	HOYT - STRANGER CREEK 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	17SP	WERE	KCPL	SWISSVALE - WEST GARDNER 345KV CKT 1	104.5	HOYT - STRANGER CREEK 345KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	17SP	WERE	KCPL	SWISSVALE - WEST GARDNER 345KV CKT 1	104.5	HOYT - STRANGER CREEK 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	17SP	WERE	KCPL	SWISSVALE - WEST GARDNER 345KV CKT 1	104.5	HOYT - STRANGER CREEK 345KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	22SP	WERE	KCPL	SWISSVALE - WEST GARDNER 345KV CKT 1	104.3	HOYT - STRANGER CREEK 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	22SP	WERE	KCPL	SWISSVALE - WEST GARDNER 345KV CKT 1	104.3	HOYT - STRANGER CREEK 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	22SP	WERE	KCPL	SWISSVALE - WEST GARDNER 345KV CKT 1	104.3	HOYT - STRANGER CREEK 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels.
5	22SP	WERE	KCPL	SWISSVALE - WEST GARDNER 345KV CKT 1	104.3	HOYT - STRANGER CREEK 345KV CKT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	22SP	WERE	KCPL	SWISSVALE - WEST GARDNER 345KV CKT 1	104.3	HOYT - STRANGER CREEK 345KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	22SP	WERE	KCPL	SWISSVALE - WEST GARDNER 345KV CKT 1	104.3	HOYT - STRANGER CREEK 345KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	22SP	WERE	KCPL	SWISSVALE - WEST GARDNER 345KV CKT 1	104.3	HOYT - STRANGER CREEK 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	22SP	WERE	KCPL	SWISSVALE - WEST GARDNER 345KV CKT 1	104.3	HOYT - STRANGER CREEK 345KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	22SP	WERE	KCPL	SWISSVALE - WEST GARDNER 345KV CKT 1	104.3	HOYT - STRANGER CREEK 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	22SP	WERE	KCPL	SWISSVALE - WEST GARDNER 345KV CKT 1	104.3	HOYT - STRANGER CREEK 345KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer

Season	Area	Monitored Bus with Violation	Transfer Case Voltage (PU)	Outaged Branch Causing Overload	Upgrade Name	Solution
17WP	WERE	WOLF CREEK 345KV	0.978031	GEN532751 1-WOLF CREEK GENERATING STATION UNIT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
17WP	WERE	WOLF CREEK 345KV	0.978031	GEN532751 1-WOLF CREEK GENERATING STATION UNIT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
17WP	WERE	WOLF CREEK 345KV	0.978031	GEN532751 1-WOLF CREEK GENERATING STATION UNIT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JEC (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
17WP	WERE	WOLF CREEK 345KV	0.978031	GEN532751 1-WOLF CREEK GENERATING STATION UNIT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
17WP	WERE	WOLF CREEK 345KV	0.978031	GEN532751 1-WOLF CREEK GENERATING STATION UNIT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
17WP	WERE	WOLF CREEK 345KV	0.978031	GEN532751 1-WOLF CREEK GENERATING STATION UNIT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
17WP	WERE	WOLF CREEK 345KV	0.978031	GEN532751 1-WOLF CREEK GENERATING STATION UNIT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circu 345kV
17WP	WERE	WOLF CREEK 345KV	0.978031	GEN532751 1-WOLF CREEK GENERATING STATION UNIT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
17WP	WERE	WOLF CREEK 345KV	0.978031	GEN532751 1-WOLF CREEK GENERATING STATION UNIT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
17WP	WERE	WOLF CREEK 345KV	0.978031	GEN532751 1-WOLF CREEK GENERATING STATION UNIT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
22SP	WERE	WOLF CREEK 345KV	0.984561	GEN532751 1-WOLF CREEK GENERATING STATION UNIT 1	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
22SP	WERE	WOLF CREEK 345KV	0.984561	GEN532751 1-WOLF CREEK GENERATING STATION UNIT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
22SP	WERE	WOLF CREEK 345KV	0.984561	GEN532751 1-WOLF CREEK GENERATING STATION UNIT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JEC (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
22SP	WERE	WOLF CREEK 345KV	0.984561	GEN532751 1-WOLF CREEK GENERATING STATION UNIT 1	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
22SP	WERE	WOLF CREEK 345KV	0.984561	GEN532751 1-WOLF CREEK GENERATING STATION UNIT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
22SP	WERE	WOLF CREEK 345KV	0.984561	GEN532751 1-WOLF CREEK GENERATING STATION UNIT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
22SP	WERE	WOLF CREEK 345KV	0.984561	GEN532751 1-WOLF CREEK GENERATING STATION UNIT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circu 345kV
22SP	WERE	WOLF CREEK 345KV	0.984561	GEN532751 1-WOLF CREEK GENERATING STATION UNIT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
22SP	WERE	WOLF CREEK 345KV	0.984561	GEN532751 1-WOLF CREEK GENERATING STATION UNIT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
22SP	WERE	WOLF CREEK 345KV	0.984561	GEN532751 1-WOLF CREEK GENERATING STATION UNIT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer

Transmission Owner	Upgrade	Solution	Earliest Date Upgrade Required (DUN)	Estimated Date of Upgrade Completion (EOC)	Estimated Engineering & Construction Cost
	None				

Construction Pending Projects - The requested service is contingent upon completion of the following upgrades. Cost is not assignable to the transmission customer.

Transmission Owner	Upgrade	Solution	Earliest Date Upgrade Required (DUN)	Estimated Date of Upgrade Completion (EOC)	Estimated Engineering & Construction Cost
GRDA	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1 Accelerate	Replace Terminal Equipment	6/1/2018	6/1/2018	$ 3,300,000
KACP	Iatan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV	10/1/2013	6/1/2018	$ 14,089,880
KACP	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa	10/1/2013	6/1/2018	$ 275,120,000
MIPU	BLUE SPRING SOUTH - BLUE SPRINGS EAST 161KV CKT 1 #2	Rebuild 2.5 miles	6/1/2014	6/1/2016	$ 2,287,500
MIPU	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1 #2	Rebuild 3.2 miles	6/1/2014	6/1/2016	$ 2,928,000
MIPU	BLUE SPRINGS EAST - BLUE SPRINGS WEST 161KV CKT 1	Replace 800 amp wavetrap with 1200 amp unit	6/1/2014	6/1/2015	$ 150,000
MIPU	LONGVIEW - WESTERN ELECTRIC 161KV CKT 1 #2	Rebuild 3.6 miles	6/1/2014	6/1/2016	$ 3,294,000
MIPU	MARTIN CITY - SOUTHTOWN 161KV CKT 1	Replace terminal equipment at Martin City	6/1/2014	6/1/2014	$ 155,000
MIPU	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer	10/1/2013	6/1/2018	$ 11,250,000
NPPD	HOLT - NELIGH 345KV CKT 1	Build new 16 miles 345 kV Holt - Neligh and associated terminal equipmen	10/1/2013	3/1/2019	$ 30,656,000
OKGE	CIMARRON - DRAPER LAKE 345KV CKT 1	Replace Terminal Equipment	10/1/2014	6/1/2015	$ 150,000
WERE	Auburn - JEC 345kV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV	10/1/2013	6/1/2018	$ 24,035,576
WERE	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV	10/1/2013	6/1/2018	$ 19,731,909
WERE	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer	10/1/2013	6/1/2018	$ 11,250,000
WERE	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme	10/1/2013	6/1/2016	$ 12,944,465
WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JEC (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation	10/1/2013	6/1/2017	$ 49,623,119
WERE	Iatan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV	10/1/2013	6/1/2018	$ 128,776,067
MKEC	Mullergren - Reno 345kV Dbl CKT MKEC	Build ownership of approximately 79 miles of double 345kV Mullergren - Ren	10/1/2013	6/1/2019	$ 105,443,733
MKEC	Spearville - Mullergren 345kV Dbl CKT	Build approximately 74 miles of double 345kV Spearville - Mullergre	10/1/2013	6/1/2019	$ 98,161,961
WERE	Circle - Reno 345kV Dbl CKT	Build approximately 6 miles of double 345kV Circle - Ren	10/1/2013	6/1/2019	$ 105,443,733
WERE	Mullergren - Reno 345kV Dbl CKT WERE	Build ownership of approximately 79 miles of double 345kV Mullergren - Ren	10/1/2013	6/1/2019	$ 98,161,961

Expansion Plan Projects - The requested service is contingent upon completion of the following upgrades. Cost is not assignable to the transmission customer.

Transmission Owner	Upgrade	Solution	Earliest Date Upgrade Required (DUN)	Estimated Date of Upgrade Completion (EOC)
KACP	IATAN - NASHUA 345KV CKT 1	Tap Nashua 345kV bus in Hawthorn - St. Joseph 345 kV line. Build new 345 kV line from Iatan to Nashua,Add Nashua 345/161 kV	10/1/2013	6/1/2015
NPPD	Cherry Co - Gentleman 345 kV Ckt1	Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles).	10/1/2013	1/1/2018
NPPD	Cherry Co - Holt Co 345 kV Ckt1	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation. (Estimated 146 miles).	10/1/2013	1/1/2018
NPPD	Cherry Co 345 kV Terminal Upgrades	Build new Cherry County 345 kV Substation.	10/1/2013	1/1/2018
NPPD	Neligh - Hoskins 345 kV Ckt1	Build a new 50 mile 345 kV line from Hoskins to Neligh	10/1/2013	3/1/2019
NPPD	Neligh 345/115 kV Transformer	Construct new substation at Neligh. Install a new 345/115 kV transformer at Neligh	10/1/2013	3/1/2019
WERE	AUBURN ROAD (AUBRN77X) 230/115/13.8KV TRANSFORMER CKT 1	Replace 308MVA transformer with 400MVA transformer	6/1/2014	6/1/2017
ITCGP	Line - Clark County - Thistle 345 kV dbl Ckt	Build a new 86 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle 345 kV substation to the new Clark County substation. Build a new 345 kV substation at Thistle with a ring bus and necessary terminal equipment.	10/1/2013	1/1/2015
OKGE	Line - Hitchland - Woodward 345 kV dbl Ckt OKGE	Build a new 92 mile double circuit 345 kV line with at least 3000 A capacity from the Woodward District EHV substation to the SPS interception from the Hitchland substation. Upgrade the Woodward District EHV substation with the necessary breakers and terminal equipment.	10/1/2013	7/1/2014
SPS	Line - Hitchland - Woodward 345 kV dbl Ckt SPS	Build 30 mile double circuit 345 kV line with at least 3000 A capacity from the Hitchland substation to the OGE interception point from the Woodward District EHV substation. Upgrade the Hitchland substation with the necessary breakers and terminal equipment.	10/1/2013	7/1/2014
ITCGP	Line - Spearville - Clark County 345 kV dbl Ckt	Build a new 36 mile double circuit 345 kV line with at least 3000 A capacity from the Spearville substation to the new Clark County substation. Build the Clark County 345 kV substation with a ring bus and necessary terminal equipment.	10/1/2013	1/1/2015
PW	Line - Thistle - Wichita 345 kV dbl Ckt PW	Build a new 78 mile double circuit 345 kV line with at least 3000 A capacity from the Wichita substation to the new Thistle 345 kV substation.	10/1/2013	1/1/2015
WERE	Line - Thistle - Wichita 345 kV dbl Ckt WERE	Upgrade the Wichita substation with the necessary breakers and terminal equipment to accommodate two new 345 kV circuits from the new Thistle 345 kV substation	10/1/2013	1/1/2015
OKGE	Line - Thistle - Woodward 345 kV dbl Ckt OKGE	Build a new 79 mile double circuit 345 kV line with at least 3000 A capacity from the Woodward District EHV substation to the Kansas/Oklahoma state border towards the Thistle substation. Upgrade the Woodward Distric EHV substation with the necessary breakers and terminal equipment.	10/1/2013	1/1/2015
PW	Line - Thistle - Woodward 345 kV dbl Ckt PW	Build a new 30 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle substation to the Kansas/Oklahoma state border towards the Woodward District EHV substation.	10/1/2013	1/1/2015
OKGE	Line - Tuco - Woodward 345 kV line OKGE	Build new 345 kV line from Woodward EHV to Border - Project costs now include Border reactor substation	10/1/2013	6/1/2014
SPS	Line - Tuco - Woodward 345 kV line SPS	Build new 345 kV line from Tuco to OGE's Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.	10/1/2013	6/1/2014
ITCGP	XFR - Thistle 345/138 kV	Install a 400 MVA 345/138 kV transformer at the new 345 kV Thistle substation.	10/1/2013	1/1/2015

Reliability Projects - The requested service is contingent upon completion of the following upgrades. Cost is not assignable to the transmission customer.

Transmission Owner	Upgrade	Solution	Earliest Date Upgrade Required (DUN)	Estimated Date of Upgrade Completion (EOC)
KACP	CRAIG - LENEXA NORTH 161KV CKT 1	Rebuild 2.95 miles	6/1/2014	6/1/2016
KACP	GREENWOOD - LENEXA NORTH 161KV CKT 1	Rebuild 3.89 miles	6/1/2014	6/1/2016
KACP	LEEDS - WINCHESTER JUNCTION NORTH 161KV CKT 1	Replace Terminal Equipment	6/1/2018	6/1/2018
KCPL	REDEL - STILWELL 161KV CKT 1	Reconductor line and upgrade terminal equipment for 2000 amps	6/1/2018	6/1/2018
MIPU	BLUE SPRING SOUTH - BLUE SPRINGS EAST 161KV CKT 1 #1	Upgrade Prairie Lee wave trap to 2000 Amps.	6/1/2014	6/1/2014
MIPU	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1 #1	Replace Prairie Lee 800 amp wavetrap with 1200 amp unit	6/1/2014	6/1/2015
MIPU	LONGVIEW - WESTERN ELECTRIC 161KV CKT 1 #1	Replace 800 amp wavetrap with 1200 amp unit	6/1/2014	6/1/2014
NPPD	Cherry Co - Gentleman 345 kV Ckt1	Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 34	10/1/2013	1/1/2018
NPPD	Cherry Co - Holt Co 345 kV Ckt1	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345	10/1/2013	1/1/2018
NPPD	Cherry Co 345 kV Terminal Upgrades	Build new Cherry County 345 kV Substation.	10/1/2013	1/1/2018